

Notes on the specimens sent by Mr. Collins.

"Red Bay" (word no. XVI) = *Laurus Carolinensis*.

"White Bay" (" XVII) - " " - a variety

with narrower leaves, whiter underneath. It is mentioned as such in Elliott's Botany. He says this is generally a shrub.

"Black Laurel" (XVIII) = *Gordonia Lasianthus*

Shubby Bay is the name it is generally known by. It bears a large and handsome, white flower, like that of a *Magnolia* somewhat.

"Rosemary-leaf Pine" (IX) = *Pinus variabilis*, L. *P. mitis*, Max.

"Yellow or Blank " (X) = *Pinus rigida*.

"Old field Pine" (XI) = *Pinus Taeda*.

"Cavanah Pine" (XII) = *Pinus Serotina*

Wandridge, May 14, 1842.

My Dear Sir

The above memoranda have been lying before me for some days, during which I have been far too busy to rise to them, or to set about sending the same or the two fine slices of Cypress

which, from Mr. Collins & your kindness, I
was possess.

But this morning came
your letter of the 8th - for which I heartily
thank you, and am glad indeed to answer
any of your queries; - trusting to induce you to send
many more of them, as well as to answer many
I may from time to time propound to you.

I can well believe that the study of the Vep-
table world around you may be a pleasant and
useful occupation for some of your leisure
hours; and I shall not hesitate to ask you to do
everything for me that I can think of; - trusting
that you will not inconvenience yourself in the
matter, and knowing that you will not
let them interfere with your higher duties.

I am so overwhelmed with scientific, technical
studies that I have little time to get together
the popular information I need. Of this there
is much that is valuable in your communica-
tions; which I carefully file away, with my notes
for report on Trees, for future use.

I shall be very glad for all the information

you can give me about the mode of collecting
terpentine - the time of doing it - the processes
it goes through &c. &c.

I am glad that you detected the Black Laurel
- how curious that it should not be known by
the name of Loblolly Bay. It is its com-
mon name a little farther South. A small
piece of the plank of this will still be desirable
to show the character & value of the timber. The
reason I did not ask for Loblolly Bay among
the other ones was that I had a specimen
before from South Carolina but by no means
so fine a one as that sent in one of the boxes.

All these specimens are admirable; and the
Copper & Brass are excellent and well selected. Please
still look out for any that are very remarkable; -
also for pieces of timber dug up from a considerable
depth.

The specimen of Pyrus arbutifolia is the var.
erythrocarpa. the down-leaved one. I did not know
it grew so high. It is always low with us.

The "Wild Orange", of which a specimen is enclosed
is Styrax americanum (S. glabrum Michx.). You
will find it described in Elliott. I hope soon to

begin printing the 2^d Vol. of Flora of North
America which will also comprise this family.

Even the piece of wood enclosed I can give a
name quite at. I suspect it is Barthelemyana
Caroliniana, the Southern Brickly Ash.

Will you notice the real Ashes this
year, and make me specimens ^{with} of the leaves and
fruit of all the kinds you find. They are
little known & very difficult.

My friend Prof. DeVries of Holland asks me
for cones of all our Pines and other Coniferae.
He indeed is want near myself. If convenient
please gather a goodly number (say 20, ripe and
unopened cones of all the sorts you can lay
hands on, in the best to me when a good opportunity
arrives.

He also wants specimens of the species of Myrica
that I can see which is the Bowl Gum. I should
much like to have one of the "trays 3 or 4 feet long!!

How old is a Cypress 12 feet in diameter?

With much regard

Your obliged friend

Asa Gray

Cambridge Friday April? 1848

My Dear Friend

In your letter received to-day is one point, which makes me reply right away - Surely I would never fail to answer at once a specific inquiry. Nor did I. The day after yours came - inclosing the specimens of the Mex. Pl. *Zinnia* plant - as I was writing to Holton. I answered several points in your letter in mine to him - knowing you would then see him every day. - among them I remember distinctly saying that the plant in question was a *Zinnia*, having all the characters of one - except the ~~very~~ (yet) chartaceous. Surely Holton must have sent to you the various answers my letter contained to your queries. - Afterward, if I remember rightly, I inclosed the specimens in the very same letter. - though I am not sure, but I inclosed in a later letter direct to yourself. I supposed you wanted the information direct for immediate use. I therefore gave it at once - Ask Holton.

Glad to hear of Fremont. He will do something now he is no longer a fighting-man. -

Lowell takes a set of Gambell's Plants. -
I trust. Hastings' wraps are raised, now -

Has Tuckerman sent you a bound copy of
his Lichens? If not - I can give you a
copy with title-page &c - in sheets - as I took
(at cost) 20. copies from T. -

~~It is not been so very cold here. -~~

I believe it is contemplated that I am to marry
(Mrs. Lavanti) on the 4th of May, if Miss L. can get
her father properly taken care of by that time,
and get her own affairs ready. But, as the house
in town must be closed, and the family, what is
left of it, go the same day to Beverly for the
summer, there cannot be anything of a wedding -
which I like the better, on the whole, for, hurried
as I am now, I can hardly find time to devote
more than an hour to the business.

To-day I put some plants in the new cases
of my new study, which, when you see them you
will pronounce to be nice. I am certain. -

Good night. Love to all. Yours ever

Albany.

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

24 Aug. 1880.

Dear Madam

You are quite right.
I believe it is wild up to N.
Vermont, but, being a plant
long cultivated in the gardens
I must think in your
locality it is an escape.

Being a very good form of
the species, you would do
well to bring it back again
to the Garden.

Truly Yours

Asa Gray

Cambridge. 4th Jan.
There is the thing,
no doubt, collected by
my pupil H.
Mann Jr.

Yours are

A. Hay

Probably more is to
be had. A.S.

Mr. & Mary

Mem. Long-filiform corolla-
tube and cartilaginous capsule
do not hold out to keep section
of Minulus, Cruc distinct
from Eumans. There are
now from Californian Island which
with capsule and short lower corolla-
lip of M. Douglasii. has short tube
of Eumans, and same habit, so
your genus Eumans makes
one section of Minulus, of which
I count 11 species, and all
grades from M. Douglasii down
to species like to true Minulus
except dehiscence of capsule.

Sheets of Gen. Pl. pp. 533-546,
received some time ago. I wait
for a little more time and a few
more sheets before sending more
annotations.

A.S.

Mr. Gen. Thurberia acan.

Thurberia.

Calix. inaequalis, sepalis 3
fere ad basin distinctis, 2 alteri
(ad medium usque) coactis, ^{multis} ac=
crescentibus dorso convexo ap=
pendiculatis in involucre
eo Thurberia instar circiter
7-convolutum periclymenum uni=
cam claudens transversata,
corimbis undique patentibus
setis uncinatis armatis. Corolla
fere rotata, calycem six se=
pulis, lobis aestivatione im=
bricatis, fere 5-2 squamta.
Stylus bilobis; stigma subcapit=
atum. Ovaria segmenta
sulcata, gynocephala ~~plan~~
fere plana, 2 semper abortiva.
Ovulum fere erectum, anatrop=
um, funiculi infero. Nucula
2 collateralis, oblonga, coriacea,
lobis, basi oblique lunifixa,
una rudis adscendens rapina
infertilis, altera parte ~~infer~~
~~sa calyce~~ superiore calycis
arcte oblecta, major, loculum

T. Anderson 'did the *Alcanthaceae* very well as to the delimitation of genera but did not work out the generic characters correctly

Andray

of the other Explorers Expeditions

Commanded The San Jacinto
when they were captured the
+ Indians the Capt. Commander
to Europe.

Harold L. Ell

Admiral U.S.N.

Organized Chinese Navy

Cambridge. 13 July 1844

My Dear Sir

I kept your letter a day or two till Eaton arrived, being here I looked for the specimen you sent of Marsile a to compare it critically with M. quadrifolia. But I have laid it away so carelessly that I cannot now find it. So we will defer the particular comparison till you get this year's fruit. Meanwhile I note that my European specimens all have the fruit, not on the horizontal stem, but on the

footstalk
~~footstalk~~, and in
pairs.

When it fructifies
Please make good
specimens in abundance.
I should like a stock
of the plant growing
if you could be so kind,
and think I might
cultivate and watch it.

I am sorry to say
all my European speci-
mens are glued down,
so that I can send
you none. Compare
in Dr. Lewis' herbarium,
Vernacular Press
Asa Gray

London 21st Sep 1844

My Dear Sir

Kindly send by
Express - and as to
Exchanges - you can
have no better adviser
than your friend D. G.
Caton, nor need you

be afraid

Yours truly

Asa Gray

Cambridge. 17th Sept. 1864

Dear Sir

Many thanks
for the specimen of
Marsilea and all your
obliging favors.

I shall with pleasure
give you the letters you
speak of, when you
go abroad

Truly
Very truly Yours

Asa Gray

Cambridge July 21, 1864
Dear Dr. Allen

Thanks for your
various favors, and for the
parcel of *Oleumatis* ^{*ochroleuca*} ~~*sericea*~~
and *Eleocharis reticulata* -
which arrived safely, and
for which I am very grateful.

No doubt the deeply notched
leaf is the less perfect con-
dition of *Marsilea*.

The lobed leaves in the
admirable specimens of
Oleumatis ^{*ochroleuca*} ~~*sericea*~~ - quite repre-
ted by me - show that the
species is of the same type as
O. reticulata. L

The *Ranunculus pusillus* is
nice and interesting.

Of course I want roots
of the *Oleumatis* - I thought
I had said so. - A good

in the Hall

I guess you must wait
some years yet for the
Lichens of N. ~~Amer.~~ U.S.,
by Tuckerman. But he
keeps the end in view.
Write him about it.

The Marsilea is doing
well; and I ought to keep
the charge of freight.

I have been far too busy
to look at your parcel till
to-day,

Ever Yours truly

Asa Gray

Cambridge 29th Nov - 64

Dear Mr. Allen.

100 thanks for the
note of Olenastisth - so neatly
packed, and for all your
kindness. But I have
not a moment now in which
to thank you. - Distractingly
busy.

Certainly Polymeria urdiana
is most new for New Jersey.
~~But~~ as much so as Franklin.
But I should have thought it
introduced. Not sure?

I supposed I had spoken of it.

Excuse such brief acknowledgments.
I am beginning to ~~so~~
move into new quarters.

Ever Yours truly

A Gray

manipula? I could not
find if any living man
knew of a locality, and it
is greatly wanted, to try in
cultivation. Is the color
as deep & bright as in *Seleni-
virginica*? Too late -
may be for seed this
year? Is there any one
whom you could rely on for
money to gather a lot of
seed of this thing, - or
later to get roots, but
seed, if to be had on the
spot.
Truly Yrs

Alway
Your carte
photograph is
wanted in my collection.
A. V.

26. July 1870.

Dear Dr. Allen

I am delighted
with the specimens
you send. One of the
two of *Lysimachia*
I have laid aside
for Dr. Hooker. Kew.
He & I together, I
think can aid
you somewhat in
the matter of dried
specimens of medi-
cinal plants - if it
be - or I suppose - dried

specimens you want.
Yet it is hard to get
many. Daniel
Hambury of Linden
is, I suppose, the
only person
who has any good
collection of provinci-
al plants, as
such.

But, if you will
give me a list of
the most important -
written all on one
side of a sheet of

paper, I will find
time to turn - or they
turn up, be able to get
some for you.

Of ^{some} ~~many~~ - such
as Aloe - specimens
to show can't be
made. You must
depend on live pl.
- and live young
Cinchonas are
now to be had, at
Washington, &

Do you know
what a pit you have
made in Silene

Bixa & the like were
surely among them —
in anything that Dr.
Jenny does not want
but send further on.
Now I advise you to
apply to him & search
search the hands to
for more of them.

As we go on — for
boughten — yet to do —
we will look out for
you — at least I will
tell G. Wright to do so,
I use your list.

I sent to Egyptian
to Eotom specimens
of *Curia angustifolia*

of my own collection in
Egypt.

I am so glad
you can get hold
of the Silene rotunda —
fla — (also the *Symonidia*)
I'm 1st for send: them
for mts. & stir up
Dr. Ritchie

We will help you
as far as we can in
getting Medical-pl.
herbaria. — Let us know
when we can. There
are things occasionally
we could have dried in
a number of specimens
Everthor Smith, Albany

Will Mrs. Bachelder
kindly accept some
afternoon tickets for
Prof. Rogers' Lectures,
which I think will
prove very interesting.
Very truly Yours
Al Gray

Botanic Garden

Thursday 1841

Mr. Bachelier

I send my rough
notes of Lect. 2, with your
little hope that you will be
able to make any thing of it;
but chiefly that you may
see how impossible it is to
extract much sense from it.
Perhaps a portion of the latter
part may be barely intelligible.
Very truly Yours
Alfred.

I much wish it was in better condition.

(CIRCULAR.)

BOTANIC GARDEN, CAMBRIDGE.

It has been for some time doubtful whether this establishment could be kept up, or whether it would have to be abandoned for the want of funds for its support. Recently, through the liberality of a number of citizens of Boston and the vicinity, it has received a permanent endowment which (including the small fund it possessed before) will yield an income of \$2500 *per annum*. The permanent existence of the Botanic Garden is therefore assured. But to put it into proper order, and to make it attractive as well as useful, even upon its present restricted scale, it should have larger means, at least \$3000 a year.

For the past twenty years the Garden has been thrown freely open to the inhabitants of Cambridge, throughout six days of the week. People of all conditions, men and women, children and nurses, have resorted to it without restriction. The grounds are inviting for a large part of the year, and are capable of being made much more so.

With a single exception, the gifts recently contributed for the re-endowment of the Garden have not come from Cambridge. But, now that the permanent existence of the establishment, in some form, is made certain, and when every increase of its means of support may be expected to contribute efficiently to its attractiveness, the Subscriber deems it not improper to invite the wealthier citizens of Cambridge to assist, if so disposed, in the renovation of this ancient establishment.

ASA GRAY.

December 10, 1866.

My Dear Sir,

In making a farewell
investment for the Garden, I have
pledged myself for a little over

\$500 more money than
I have yet raised. Any
help towards this would
be very acceptable. to

Yours very truly

Asa Gray

Samuel Batchelder Esq

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

Jan 26 1887

My Dear Bob

You are the Miller
man. For I send all
Wrights pits & notes to
you, with my love
& best wishes.

I am grinding away
at other things

Ever yours

A. Gray

J. A. Gray
Feb 15
1850.

Cambridge 15 Feb, 1850.

My Dear Friend

Our collector in Texas,
Lindheimer, wants some
eggs of silk-worms, In Boston
they tell me that the
only likely place to obtain
them in New England is in
Connecticut. - perhaps at Hartford.
May I ask of you the favor,
therefore, to enquire, and if
you can procure any in your
neighborhood, to send a small
quantity in a letter addressed
(by mail) to J. Lindheimer,
~~Barnstable County~~ New Braunfels,
Barnstable Co. Texas.

It would be best to divide the

quantity into two parts &
mail them 2^d - at an interval
of 3 or 4 days. - to double
the chances of its coming to
hand. Please inform me
of the expense & I will hand
the amount to Emma. If
you will write a line to say
to Lindheimer that the eggs
are sent per request of Dr.
Engelmann. I shall be further
obliged.

Emma was a going to write
my request, but for the last
3 or 4 days she has not been
well enough, having been much
distressed by difficulty of
breathing. - a difficulty which
has been slowly increasing for
some time past. Sam is also

not very well and very much
occupied just now. - but she
writes a line to Mary this
morning. - (to Bridgeport &
another to Catskill, to make
sure) asking her to come
on here. As it will be a
comfort to Emma to have her,
Emma bears her sickness with
great patience. I wish I
could give you a more cheering
account of her. - and, indeed,
Dr. Wyman hopes that she
will get relief from these
rather distressing symptoms.
I am or I will write and
keep you apprised.

Faithfully Yours

A. May

Dear Bruce

I should criticize various things in your last Times article, if you were here to talk it over with me.

X If you expected Stanley to do what you criticize him for not doing, you would naturally be disappointed. His merit, and his way, as a lecturer is, to select some good topic or point of view and make a clear exposition of it, — the clearness of which very much depends upon his not scattering himself over too much ground. He naturally kept himself to matters he could handle well, and let alone those upon which — as we very well know — he had nothing in particular to say.

1. "Merest fancies", "useless fabric of a dream" —

Why, what made Owen an evolutionist as early as Darwin? And what has made so many

Naturalists (Mivart. & lately
Dana, for instance, evolutionists.
who yet think nothing of Natural
Selection. - (Dana, for instance ~~to~~
(entre nous) not yet comprehending
it.)

But, to illustrate. You allow
that the evolutionary pedigree of
the horse is made out, but
what had "Natural Selection"
to do with making this out?

It would have been all the very same,
- both the evidence and the ground of
the inference, if Natural Selection
had never been propounded. There
is no evidence how the forms were
selected - there is simply the fact
of the series of forms - which - with
other like evidence - brings conviction
to most naturalists that
one has somehow come from the
other. And this conviction is
about as strong to those ^{who do not} ~~that~~ believe
"Natural Selection" will explain it,

as those who do.

2. Prof. Gayet you mean. Dana
avowedly ~~adps~~ adopts from Gayet.

3. To those who talk or think
of necessary evolution, or, like Spen-
cer, deduce it as necessitate rei,
this matter of immense time is
very pertinent. I don't think
Darwin is bothered by it much. -
On my way of thinking, it is no
better at all. - considering what a
deal of time there has been any
way.

4. Do you mean "hybrid forms"?
I fail to see what hybrid, i.e. mules
from the crossing of related species - has
to do with it, one way or the other.
Nobody (of clear conceptions) supposes
new species come from the mixture of
of other species. That is a way to confuse
or blend species, not to originate them.

But there is no "want of hybrids" - there are plenty of them, and they have mixed some few species - (Dogs, for instance); but they play no important part in the matters you are considering.

"Want of connecting forms in living species" - that is to the pro-
pos. Well - as a systematic historian, I wish there was a want. The connecting forms are my great trouble every day. You would save me an awful deal of trouble, time, & constant uncertainty, if you would cause them to be wanting!

5. So you will not accept the motto "ex uno disce omnes";

If you admit the horse evolu-
tion as proved, does not that carry an implication of evolution in other lines, of which similar, but fewer steps are known. Or are all evolutions those of cavalry?

Banbridge 17. June 1862
Dear Mr. C.

Thanks for the
World. Who will
its destinies?

It is, I suppose your
article on Darwin - a
very good one, for its per-
me and space.

Before you too confi-
dently reject the evidence
for the existence of man
in the Silurian period -
just turn over a very im-
partial and good article
by Dicot - a good judge
of such matters, in the
March no. of Bibliothèque
Universelle, de Genève.
"De la Justice sur l'homme
fossilé".

I presume it is in the
Astor Library. If it
is not, you may tell
Mr. Byssell there might be
as well not be any
Astor Library.

I have said her life & death
and asks for yours of
your sister Mary

Ever the same

J. H. Gray

persisted in Egypt. how
do you know that it is
the only race capable of
perpetuating itself?

If there had been a large
influx of different people in
Egypt, and if they had exterminated
the old race, do you not suppose
this would have established itself
perpetuated itself, and that its
particular adaptations to the cli-
mate would have been different from
the present race.

If you cut off all future
immigration into N. America,
would the Indians resume pos-
session of the country? Or ^{else} ~~perhaps~~
our descendants become a
copper-colored race.

Enough for the present.
When you have cracked these
nuts, send me if you please
another sheet.

What a childish article
is that of Bowen in N. Am. Rev.
He rehearsed it at Mrs. Stedman's.
I have cut it up three times
and am preparing to do the
same to his reply.

Ever yours cordially
Anthony

antislavery 22. April.

Dear Bruce -

You are very welcome
to such casual criticism
as I can offer on your
2 pages of mine.

The general fact of
~~the~~ a segregated people
(or individuals of an animal
species) becoming best adapted to
the particular climate, & -
through natural selection
is clear enough, - the best adap-
ted alone surviving in the long
run, - & the peculiarities trans-
mitted by the close breeding.

But what your state-
ments tend to make out is -
not the tendency of ~~the American~~ a
human race to return to its
original type, - but only the
tendency of the causes which
produced a certain effect once
to produce it again, the

circumstances continuing
- to produce it in the Fellahs
as it produced it in the
~~anc.~~ remote ancestors of the
Pharaohs.

That is all safe enough.

But your case does
not prove that unless you
make out that the Egyptians
a race was nearly destroyed
by ~~sixteen~~ crossings.

I do not know, but I doubt
if you can show that, -
that the crossings were ever
enough to modify the Egyptian
people, at least the com-
mon people, who make up the
bulk.

Slight infusions
you see would be worked out.
The foreign though conquering
race + would be less prolific
and less enduring than the
native, &c., &c. - Nor is it
not likely that in the Fellahs

you have the represen-
tatives of the old Egyptians
continued, not reproduced
as your remarks would partly
lead one to suppose your
meaning.

Besides, once having got
a race you must not make
too much of climate, to the
overlooking of the wonderful
persistence of any variety
when close bred, - see
the Jews. - the nose ^{remains} hooked
- under all climates, &c.

Again - in your last
sentence. When you
unscientific people take
up a scientific principle
you are apt to make too
much of it - to push it to
conclusions beyond what is warranted
by the facts. But, because
a particular race has

it may still be an open question.

Skinner is a very fine man.

Darwin, on account of his health has to ~~leave~~ leave away from London, and seclude.

I give ~~no~~ letters to him - least of all to a lively, inquisitive Gunkel, like Beecher, who would give him a fit of dyspepsia at once, from mere excitement. Besides Beecher would put him into one of his letters, to gratify public curiosity.

Jane is much debilitated, but bright - sends much love.

I have the Imperial Academy of Sciences of St. Petersburg honorary membership - quite a feather, as they are choice & few. Diploma just came.

Ever Yours Always

Cambridge. July 6. 1883
Dear Grace

Yours of 20th ult. came just in the midst - just as Jane was off for N. H. and I getting ready to go to her aid. We came back only on Thursday - or rather Friday Morning. My hands so full that I could not write to Darwin - to whom I owe a long letter till to-night. I will now enclose your note.

It would be very like a chemist to think that external influences will explain every thing. - But I presume he believes that

Peculiarities are heritable.

If he does, then he thinks he can explain; or will be able to explain; the origination of variations. I cannot - that is, to any extent, and do not expect to.

When he will show us how external influences actually worked to change a peacock into a pectenine, ~~it will be done~~ I will consider his proposition.

If he means by "external influences" - whatever has brought about the change, very well. - I, of course, allow that every ~~physical~~ ~~effect~~ variation has a cause - a physical cause. - But it seems to me you may as well say that

conception and the production of a normal offspring is the result of "external influences"; as that the production of an abnormal (variant) offspring.

But there is no use writing at random -

You ask me whether I adhere to my notions before expressed with out at all showing me how they have been improved.

I should rather expect Guyot to endorse Beaumont, - a theological bias would act strongly.

But I rely most on Lartet, Bardon, & Pictet, for the age of the deposit. Let

W. H. Gray
Dec 28 1853
Jan 1854 Recd

Dinner to John Mitchell.

A very large concourse, equal, it is said, almost to the multitude that honored Kossuth, met at the Broadway Theatre, Monday evening, to eat in honor of John Mitchell, the Irish patriot. Charles O'Connor presided. Speeches were made by Mitchell, Meagher, O'Gorman, Judge Emmet, O'Connor, Horace Greeley, &c.

Strikes in England.

We are not paying sufficient attention in this country, to the effects which the strikes of the English workmen will produce. They may shake the whole substratum of English prosperity more strongly than a Russian war could do. More than 70,000 operatives have left labor. Some are weavers, and some the workmen of the coal regions. Any attempt to induce them to return to labor at their old prices has hitherto been ineffectual. To coerce them by an exhibition of military strength would only result in loss on both sides, without accomplishing anything. If they return to their work, the price of labor must be higher than it has been, thus giving some advantage to our operatives. If they migrate to Australia, or go to other employments, there is just so much lost to the real effective power of England's manufactories.

Cambridge. 22^d Dec. 1853

Dear Uncle John

Why do you call that infernal Scamp, Mitchell a patriot?

Why speak of coercing men to work; when it is perfectly recognized & settled in England that men have a perfect right to quit work when they please, so they do not prevent those from working who wish to.

Charles & his cousin Henry
Brace are better to be here, on Saturday.

and there is to be a ^{Christmas} gathering
here on Monday. Will you
not come too? - At least
we send you the compliments of
the season, and wish you a
Merry Christmas at Hartford.

Ever Yours

Asa Gray

Cambridge. April. 20. 1855

Dear Sir

Much obliged indeed
for the seed of Actinidium.
and one is already up.

Thank Dr. Constock
for me, and tell him "the
books say, there is no albumen",
because there is none. Let
him look at the analysis &
text in Gray, Gen. N. Amer.
Illustrated, vol. 1. plate 40.

Lane & Aunt Mary are
very well - the latter in Boston.
We rejoice at your recovery.
Lane sends his best love -

Yours ever
A. Gray

over

As to leaves of *Stelmatium*
4 & 5 feet in Diameter -
that may be told to the
mariners.

Wm. Gray
about 20
1855.

Dr Tracy
Aug 3
1858.

Cambridge, Aug 3^d 1858.

Dear Mr. Brace

We were most glad
early to learn from you
that Mrs. Skinner got
through safely & pretty
well. She looked very
poorly the day she started.

The little Grass in your
letter is Eragrostis reptans.

I hope you will get me
this fall a good root of the
Scarlet Delphinium. I have
always failed to raise it
from seed. It is by this
time published I presume -
I forget what it is called -

Thos. thought near I
question if it be more than
a variety of J. nudicaule
Torr. & Gr. Flora — which
has red flowers.

I want Spiran Douglasii
too —

I see you are getting
less K. N.

You have never noticed our
spoke of the article in the
Smithsonian I sent you.

Lane is lay a good round
asleep in bed — or he would
have affectionate messages to
send. We enjoyed Mary's
visit very much. Ever Yours
Malney

Dr Gray
Jan 7
1867

Cambridge 9th Jan 7, 1867
Dear Mr. Brace

The *Physala* of
Galapagos is the
P. ovata, J. D. Hook. Atl.
Galap. in Linn. Trans. —

But a form with more spat-
ulate & retuse leaves. — If
you do not want it returned
I should like to send a part
of it to Dr. Hooker, on account of
its peculiarities.

Yours very faithfully
A. Gray

I am in a good deal
kaid up with bad face.
A.G.

Cambridge. March 20. 1857

Dear Mr. Brace

I want to secure your influence in Conn. for the introduction of my books, especially the two designed for elementary & general use - viz - the Manual which, only costing the Moms., has been reduced to \$1.50 - and the new Lessons in Botany, which serves as a grammar to it, as well as a book for schools generally. The latter - tho' a small book, has a good deal in it, and will pay you for looking it over.

Both the publishers and I shall be obliged if you will notice them - especially the Lessons, with some particularity in the Courant - & mail a copy of the paper to Messrs. J. W. & P. H. Quincy, who are the people that undertake to bring the books into educational use -

The winters on the 'age of the Charter Oak' secured, most of them, to overlook the slow rate of growth of an old tree, but

you secure me a piece of the wood
at the circumference of the trunk, — and
also give me the record as to the girth at
the smallest part of the trunk below
the branches;

I have sent her love to you —
Sorry not to see you this part winter.
Aunt Mary has not yet been
seen in these parts — to our great
sorrow. —

Yours cordially

Asa Gray

Low Gray
Hewitt 28
1857.

To John P. Grace: Esq.
Ed. Courant
Hartford. Conn.

Cambridge. July 14th 1857

Dear Mr. Brace

This sultry weather
reminded me that I lost -
(after raising only one) that
fine set of Watermelon
you sent me the seed of.

And I want to study it, for
it has on a controverted question
of structure. You know the
set - the pulp was separate
from the seed.

Now if this is still extant in
your parts, steal or beg me
one or two young ones now -
the younger the better, & send me
by express. and presently a full-
grown one - & much obliged

Yours ever,

A. Gray
P.S. My new little book takes

well, and is a good deal
raised.

Letitia & baby will be
here to receive ~~from~~ you
Saturday

18

Dr. Asa Gray

Dec. 24 - 1886

Dr. W. Bullard

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

Dec. 24 1886

Dear Mr. Brewster

Of course I knew
Bullard, not at all in-
timately - he had no
intimates in those parts
after the death of Mr.
James Brown.

But I can give you
precisely the principal
data.

Born at Little, in Yorkshire
1786

Came to U. S. (Philadelphia) in
1808

Returned to England, to
reside, after the death of
an uncle in - - -

Came back in 1847-8.

Spent his last years
at Butgum in Lancaster,
near Preston. - The
estate left him for life
by his Uncle (?)
Died there Sept. 7,
1859.

Butgum used to
regularly visit. I
presume the place
went to relatives.

Very truly Yours

Ascham

Original

Dr. Gray's last
writing - Sunday Conf.
Nov. 27th - 1889

New York

Jan. 21 1888

My Dear Mrs. Gray:-

I have your note of yesterday and the copy of the letter. Certainly you will keep the latter as you wish. My intention was to file it with the Doctor's early correspondence to Dr. Torrey; of course you will see that it is safely deposited, somewhere.

We are sorry to learn that Dr. Gray is not as well as during the past few days, but we have never given up the hope that he may get up again. Mrs. Britton asks me to thank you for remembering her, and to assure you of her sincere sympathy.

Very Respectfully
W. L. Britton.

Dear Dr. Britton.

I wish to call your attention, either in a personal way or in the Bulletin, if preferred, to a name coined by you on the 223^d page of this year's Bulletin; -

"Conioselinum bipinnatum (Walter, Fl. Car. under Opium), Britton. Selinum (Canadense, Michx., 1803).

I want to liberate my mind by insisting that the process adopted violates the rules, ^{giving} ~~violates~~ ~~travels~~ ~~travels~~ a superfluous name to a plant, and also, that, in all reasonable probability your name is an incorrect one.

Take the second point first. On glancing at the Flora of North America & Torrey & Gray, 1869, where the name Conioselinum Canadense legitimately came in, you will notice that the name Opium bipinnatum, Walt. is not cited as a synonym; also that the synonymous name of Bridium Canadense Sprang. is cited with "excl. syn." This Opium bipinnatum, Walt., you ~~must~~ might gather was one referred to. Sufficient reason for the exclusion by Dr. Torrey might have been that Michaux's plant is a cold northern one, which nobody would expect in or near Walter's ground. The

but and for might that of course
that making history in that man made
then expected by Dr. Darrow's charges
who may not call that the African
higher education is not there. Dr. Darrow
the name you add not really upon
a more group of things, chief by
decisively supplied in your grounds
by Darrow, but in a way that is
in that and the box, copying the
in answer you would not content that
a really in a different and action
(I might say matter mistaken) cannot
under a group, should answer
by its specific head, the will answer
titled and legitimate to name. And
I am sure that you will not take it
amiss when I say that very thing
long experience has made it clear to
me that this business of determining right
the means is ~~not~~ not an simple and
mechanical as to your. Admit it
seems to be, but is very full of pit-
falls. I trust it is not possible
feeling which suggests the advice
that it is better to leave such needs
indications for Monographs and
comprehensive books or at least to
make quite sure of the ground.
~~to that, in the~~ We look to you
and to such as yourself, Macaulay

well-furnished botanical centers, to
 do your share of conscientious
 work and to support right doctrines.
 So I may proceed to say that,
 upon the recognized principles since
 the adoption of the Canadian code
 your name of Conioselinum bipin-
atum, even if founded in fact,
 would be inadmissible and superfluous.
 By a corollary of the rule that
 priority of publication fixes the name,
 taken along with the fact a plant-
 name is of two parts, generic and spe-
 cific, it follows that in any case,
Conioselinum Canadense is the prior
 name for those who add to the genus
Conioselinum. I have laid down what
 I take to be the correct view as to this,
 in my Structural Botany, page 794,
 where it is supported by the high
 authority of Bentham. I believe it
 is more and more acceded to by
 the most competent judges. There are
 those who make transpositions of di-
 vorced halves of plants name, and
 who, also make the law of priority
 mechanically override other equally
 valid laws, without regard to sense.
 To such the maxim of the elder deCan-
 dille was applied: summum jus, sum-
ma injuria. If you

like to adopt their ideas, you have at hand a stick wherewith to beat the very oldest
 man, namely Conioselinum Canadense, for I can certify
 that the first in our country with is John Smith
 Newberry John Bartram

Dr. F. Buchanan

Bremen

A. Gray,



HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

April 22

1878

My Dear Dr. Buchanan

When they land in
or embark from the
old city of Bremen,
my friends will, I
hope, present this
line, from your former
Correspondent

The James Family -
whom I present to you -
are my neighbors and
friends; and Mr. James

is our best and most
active Biologist.

If this time comes
to you, and you will
take my good friends
by the hand, that
they may see to
advantage your fine
old German city,
and make your ac=
quaintance, you will
much gratify and
oblige. Thus very
sincerely

Adm Gray

That old plant - editor
Carried plant story you
sent from Mumbury was
made in N.Y. World - after
an article of mine in notice.
- a good take off - has
gone round the world, & now
I have re-appreciated -

It is as good as the old
Moon - howl,

AS

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

March 2

1879

My Dear Mr. Chamberlain

It just occurs to me
that I may not have
written to apprise you of
the safe arrival, some
time ago, of the little
box of seeds from Thomas,
your generous donation to
the Botanic Garden

I am grateful, &
an ~~excellent~~ memory of
it is failing sadly

You will not mind my
being notified over again,
and I should be distressed
if I had omitted it.

I did not open the box
but turned it directly
over to Mr. Sargent, the
Director.

I have been devoting
my whole time and energy
to a new edition -
or rather the 1st part of
a new edition of my
Botanical Text Book,
the Structural Botany,
and am now working
up the pretty full
Glossary or Dictionary
of Botanical Terms
which is to be at the
end of it.

When you & Mrs. Chamberlaine
come back. I suppose

you will find me a
good deal older than
when I saw you
last. At least I
begin to feel older.

Mrs. Gray & I are
very well tho - having
a little lumber on
my part - and George
also is flourishing &
as busy as ever. And
busy he is like to be,
for he is preparing to
take charge of the
Garden before very
long.

Always cordially
Yours
Asa Gray

Cambridge August 5th 1845.

My Dear Sir

Very early

It gives me pleasure to reply, as far as I am able to your favor of July 30th. This I may best do by stating generally the footing upon which my department is placed in our College. The instruction is divided into two parts. 1st is a course of recitations from a Text Book

on Natural History, which is a prescribed study for the whole Sophomore class (up to this time it has been the Freshmen, but is now changed) during the 2nd term, 3 recitations a week, making actually about 50 recitations. As Mineralogy is taught in another department (viz. by Prof. Webster) I devote this course one-half to Vegetable Physiology & Structural Botany, using the new ed. of my Text Book (part 1) for the purpose; the 2nd half to Zoology and Animals Physiology, for which I have as yet no fit Text Book (and therefore have this year devoted the whole term to the Botanical department) but one is now preparing for me by Dr. Gould of Boston.

2^d. A Course of Lectures on Botany given during the 2^d Term twice a week (actually, about 30 lectures). This is one of the elective studies of our college course, and is eligible to the three higher classes. The course is usually elected by about 30 students. Undergraduates, and is attended by a number of Divinity and Law students, to whom all the College

lectures are open without fee.

No charge is made to any student for instruction in my department.

As respects your third enquiry, I can give you very little information. At Princeton a short course of Botanical lectures is given, by Dr. Torrey, I believe about 15 lectures, to the Junior class, - for which no separate fee is charged.

In my view, considering the little time that can be spared for these studies in college, and the greater importance of a knowledge of principles and laws over mere details, - the instruction should be chiefly devoted to Physiological Botany, and to the general principles of Philosophy of Natural History Classification. This is a fruitful subject. I have planned a three years course, of which the two seasons past have been devoted to the structural and physiological part, while the next will be given to Geographical and Systematic Botany. The latter may enter more largely into college instruction when we shall have a Flora of New England, or of the whole United States, in a cheap and compact form, arranged according to the Natural System.

The plant enclosed is Splachnum
ampullaceum, a Moss that I never had the
fortune to find growing. It is remarkable for its
enormous apophysis. The sterile tuft sent with
the specimen however does not belong to it, but to some
Hypnum.

I remain, with great
Respect
Yours truly,
A. Gray

5
Cleveland, President
Bowdoin College

Brunswick
Maine

under
details
to Phil
W. A.

Aug. 5, 1845
Obed A. Gray.
Bodony

W. A. Gray

nicely. But ~~some~~
Gentle of Cullen will
do me too - That is
good & cheap advertising.
So all is straight.
After Dr. Carruthers,
British Museum,
London - a set, enclosing
my notice, if you have
not already done so.
Yours ever truly

Asa Gray

Be careful if your
remain at I, all
summer.

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

May 30

1878

Dear Mr. Curtis,

Yours of 21st is here.

P. O. order received -

Flora mailed this day
to you. That is square.

I thought I said I
had got the \$20 - for
you. - Wellesley Female
College.

The Student, here assumes
the charge on your box
received here - \$7.35. -
only a proper thing in return
for so many nice specimens.

I have sent 2 sets to
Leipziger & asked J. O. Nees

(J. O. Neigel, bookseller,
w. l. Königstrasse, Leip-
zig.) to let me know
your proposition of the
price from here to
Leipzig. - You occupied
only about $\frac{1}{8}$ of the box.
That, when I know
it, I will deduct
from the \$20, &
send you the balance.
Will check on a Boston
Bank for you for you?

I have requested
Prof. Zeitling to copy
my notice of your
collection (in Am. Mus.
I send you 20 more copies
of it, for your use)
Every Bulletin copy it

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

March 16

1880.

Dear Mr. Cus. de

840 = Castilleja pallida - just
about the real thing. Not Ortho =
Cupress castilleioides - as you say.
Many things we have to leave
off hand, from general recollection,
and we often miss it

842. Eryngium patulatum.

770. & 774. I shall reach Eryngium
before very long in my study for
Helen. Then I will settle these
two species. Many thanks for
your notes & fresh specimens.

744. Cardamine hirsuta, Linna

The new edition of my Structural
Botany has a chapter on what you
want. I have the pleasure to send you
a copy by this mail, & remain your
oldest
Asahel

to Dr. Sabinson

Cambridge. 29th Sept. 1862

My Dear Old Friend,

Jute is the fibre of the bark of Corchorus capsularis, L. - is the material of Gunny-bag - at least of late years.

Royce on fibrous plants of India - I am told - and Dr. a Productive ~~area~~ resources of India - gives details about it.

Rothrock, like a brave fellow as he is, has gone to the war - enlisted in the 131 Regt. Penn. Volunteers. - The last I heard he was at Arlington Heights.

There is an earlier letter from you, which I have never thanked you for - of May 31st. I will only

say, that when a fitting opportunity occurs I hope to do better by good Mr. Stowes than poor Buckley did.

As Buckley would print his gross without submitting them to any one to judge, - and as his conduct in the matter was utterly inexcusable, I hope you do not think my 2^d expose is unduly severe.

It over four score your hand-writing is as firm as ever. - From which I infer that you have much vital force yet.

I long to see you once more.

~~If we~~ If we are to conquer the rebels, - as I hope - I pray God to prolong your days to see it, that we may rejoice together.

If not, I could not ask of you length of days to see evil. Rather happy is he who is removed in time from the evil to come!

Mrs. Gray sends her hearty and affectionate good wishes.

Our excellent friend Sir ~~Man~~ Storker has failed much for some months past, - but at my last advice he was comfortable and active.

I wish I could write to you often. - - but I get less and less time. But I am always

Your cordial friend

Asa Gray

Dr. A. Gray
Sept. 29, 1862.

Cambridge, Mass., June 10/1873

My Dear Sir

It is very kind
of you to present Mullich's
Zentamen Nepalensis to
me as a memento of
your lamented Father,
and I prize it much
as such. But, as it
doubtless would have
gone to the Chester or
Cabinet (tho' probably
of no use there, nor to
anyone but me) if I had
not borrowed it, I shall
not feel quite happy if
I am not permitted to
add as much as it is
worth to me to the library
of your Society.

Could you let me

have a list of such of
my own publications
as that library now
possesses. There may
be some thing which
I could add.

Who wrote the excellent
manual which you
sent me a copy of?

It was in much to
the purpose that I
have used it for the
notice in Silliman's
Journal, - making large
extracts, and adding
only some prefatory
remarks.

Believe me Very truly
Your obliged Asahel

BOTANIC GARDEN, CAMBRIDGE, MASS.

Oct. 17

1873

My Dear Sir

Both specimens of
 Ilex are I. verticillata,
 & very slight difference between
 them. I, antiqua has
 long pedicels, &

The Acalea = nudiflora

What you say of the
 Gentiana crinita confirms
 my idea that it is a
 biennial.

Respectfully Yours

A Gray

Mr. Davenport

Dear Sir

BOTANIC GARDEN, CAMBRIDGE, MASS.

Nov. 18

1873

Very many thanks
for the note of Cypripedium
arietinum. Nothing
could be more welcome.
Please keep an
eye on your correspon-
dent, that he may
send more next year.

The "Aster" is the
Baccharis halimifolia
As to the

Ortho y chium breake,
I advise you to
ask about it of
Mr. Robinson of
Salmon, - who keeps
well the run of
these things.

Very truly Yours

Abraham

10 June 1879

Dear Mr. Davenport

no 1, = *Lonicera Xylostemum*, of Europe — escaped from cult.

no. 2, must be of your
say, *Prunus pumila*,
— unusually high.

Truly Yrs

A Gray

You could have the
duplex, Single
specimens, I don't say
owed to me and so.

Very truly Yours

Asabany

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

18 Jan

1876

Dear Mr. Davenport

The collection you
ask after has not
yet been yet.

That of Louis Cali-
fornia is here, under-
the title

Mr. Watson, who
has them in charge —
is some day to print

them into sets I
sell for Palmer's
benefit.

He will do all he
can for you.

But if you were
to run ~~off~~ off with
a good part of the
Items, what would
the subscribers say
to missing them in
their sets?

But if there is enough
to make out the ^{required} number
of sets - (12 or 15).

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Oct. 17

1875

Dear Mr. Davenport

Here is a segment
of a well-developed
sterile part of

Ceratopteris —
showing the transverse
areole

I can give you a
specimen of the ad-
vanced form of this form.

Truly
Yours
J. Gray

RECEIVED
MAY 1 1880

MAY 1 1880

HERBARIUM OF HARVARD UNIVERSITY

Botanic Garden, Cambridge, Mass.

May 1, 1880.

Dear Mr. Davenport

It is very kind and thoughtful of you to return so large a share of those Ferns, and to think of me, in such a way.

I accept, as it was meant the compliment you pay me. But, on principle, I go against naming species after a person who has had nothing to do with them in the way of discovery, collection, or description &c-- And I have had too little to do with this Notholaena, except to put it into proper hands. No doubt Curtis will send you plenty more.

Very truly yours

Asa Gray

[The A.L.S. is pasted to the sheet of
Notholaena Grayi, Davenport in the
herbarium.] A. N. Davenport

Gray Herbarium
Harvard University

JUN 9 1954

Gift of A. H. S. Jones

names, we know not where
to stop. In the only way
is to quote books as they
are.

Smith only says
his *Nittoria* is founded on
Otaria lineata, probably the
only species. He showed
none with me *Nittoria lineata*.

Swartz was first to do so.

If you could keep down
inferential names to cases
like this, we might admit
them. But it opens a
door which we cannot
shut.

Truly Yrs

Gray

Dear Mr. Davenport

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

May 14 1883

By strict rule — then
rule we of late all
agree to follow, we must,
I think follow Hooker, Baker
&c —

Smith doubtless meant
the *Nittoria* should be called
Nittoria lineata, and if
he had introduced the name,
as he did in this case,
all would have been right.
But the name "Smith"
is only the first word of the ref-
erence "Smith in Act, Jan."
h — — — Now we
find there no specific name.
The earliest use of the name
we know is "*N. lineata* Swartz,
Syn. Zool." If we are
introduce potential or inferential

BOTANIC GARDEN, CAMBRIDGE, MASS.

November 19, 1887.

My dear Mr. Davenport

Although you may
well imagine that my
pen is very busy and
my hand well-tired
with the use I have
to make of it, I will not
postpone my hearty
acknowledgment and
my sincere thanks for
your felicitations of
yesterday, which were
so very agreeable in
form and sentiment.
Mrs. Gray, my better-
half, wishes to add
her share for the

gratitude. The hands
of the lovely vase will
always recall to
memory your contri-
bution to the histori-
cal commemoration
of your old friend

Abigail

P. S. Do come & see
the vase.

Dr. A. W. Eichler

Professor of Botany

Berlin

A.G.



HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

April 22

1878

My Dear Prof. Eichler

Long before this
reaches you, I doubt
~~not~~^{not} you will be well
established in your new
home and your new
chair at Berlin —
where I expect for you
great success, and
wish for you a long
career, and much
happiness.

Yr. very friend, Mr.

James, our best May-
dogist, reaches Berlin -
as I hope, he will at
my request, deliver
this line, - by which
I heartily commend
him, and the ladies
of his family, to your
kind attention.

If you can find
time to show them
yourself the grand
Botanic Gardens under
your charge, it
will be very gratifying
and pleasant. And

you will thereby
very much oblige
Your friend and
Correspondent

Asa Gray

A. Gray Dec. 63

Cambridge, Dec. 24, 1863

My Dear Mr. Emerson

It occurs to me
that your programme
which I read yesterday
in speaking of botanical
collections, did not ap=
pear to include my
botanical library -
which is a very impor=
tant adjunct, and
which has cost me in
money more than my
herbarium, although it is
particularly rich in sepa=
rate memoirs and papers,
many of which could never
be procured for money.

I suppose its pecuniary
value was under-estimated
by me at \$5000. A

very large part of it is
not in the University
Library.

I thought it might
be well enough to add
to your statement that,
besides the Herbarium

I offer this library as
a part of my donation.

The more so, as about
half the annual expense
of keeping up the estab-
lishment has been for
books, &c. - though hereafter
some of this might be
saved by an arrange-
ment, with the College
Library.

Valuable books will con-
tinue to flow in to me,
as formerly by presentation

from the leading botan-
ists and from exchange,
- which I shall of course
make over to the estab-
lishment.

Ever Yours

A. Gray

15th June 1870

My Dear Sir

In a year or two
I could probably have
some one to recommend
for a Professor of Botany
& Horticulture. At
present there is no one
I know, here or elsewhere,
who could take the
place.

Very truly Yours

Asa Gray

M. C. Fernald Esq

Monday Morning

Saturday Morning

Nothing from you yet. No news here. In this morning's advertisement is a long abstract of the Report or Address of the President of the Astronomical Society on awarding the medal to Bond. - Very full, particular, and laudatory of Bond. containing prints which seem to have been made on purpose.

The weather is beautiful

Now off.

A.S.

Friday 24th. After dinner & after a walk & 2 or 3 calls.

Instead of setting down to solitary my solitaire, the solitary will address his absent wife, - and tell her that every thing goes on here well and prosper.

I attended to my affairs in Boston, and yet got out in time for a very fair day's work.

In the evening I placed myself with Clark at Judge Parker's, heard a long-winded talk to little purpose, and enjoyed a good supper to more purpose, and got home at $\frac{1}{4}$ past 11, slept well - and got up in the bright sunshine at 7.

Mrs. Lewis bought the socks, $\$1.2$ on the price, according to the time, to 60¢ and took the 8 cts. beside.

This afternoon Healy looked for me and will to-morrow also.

As the fashion goes, now I turn round and write the other way.

The girls do well, are attentive, and all is very quiet in the kitchen.

I have just made tea. It is just very good made in this fashion - don't get sewing enough - and I think it is interesting.

Alexr, Agavir has sent me, with his "regards" - a large number of his or "Embroidery of the Starfish h." - from a pretty early part of a new volume of ~~Agavir~~ Agavir's Embroidery.

Agavir, please, - sentiment. I can't get up yet, - I have been too bad at work to feel much. And before the loneliness gets very pronounced I shall expect to see you.

Yes, the tea is certainly odorous, and for quality the 2^d crop improves.

I expect to have to answer promising a note from you, to tell me how you got on. And by that time I may have something to add to that sheet. Meanwhile I will add my love to all the family, and tell the good Doctor that I want to hunt up that 50 dollars - and found it was meant for a Prof. Terney.

Ever Your affectionate
husb,

A. G.

New York, 14 Dec. 1841.

My Dear Sir,

I was quite aware, from the time you first desired the parcel returned, that Reynolds had made a mistake about those Chilean specimens, and therefore laid it aside at the Lyceum. To be returned to you, which would have been done long ago, if it were not then out of my sight and memory.

I have just finished Italian thus, and hope I am now through the worst of my points, which have already cost me more than a year's constant labor (indeed it is a year and a half since I commenced them), which is a good deal for a person who works at a constant pecuniary sacrifice as I do. But I mean to do it well, at whatever cost. I hope soon to see the rest of your Composite loaned to us.

Some friends of mine, fearing, and perhaps wishing that the Michigan people will not be able to fulfil their engagements with me - wish me to offer myself as a candidate for the Professorship of Botany at Harvard, which they deem is vacant. Although I am not now prepared to do this, yet I would be much obliged to you, if you can give me some information - which I trust you can readily obtain - as to the duties and emoluments of that place - under what terms it was offered to our good friend K. B. Pratt - whether lectures on Botany could be introduced as a component part of the instruction in the Medical department, as it is in every medical school in Europe. If you can give me some information in regard to these matters as soon as convenient to yourself, I shall esteem it as a great favor. Will you send the enclosed note to Mr. Tolson, who as Cor. Sec. of the American Acad., has recently apprised me of my election as Honorary Member of that Society.

If you see Mr. Harris, will you ask him
if he has received some pamphlets for us, from
Mr. Tuckerman - and if so, ask him to send them
by Hamilton's Express.

I remain

Yours very truly
A. Gray

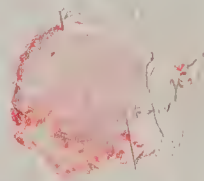
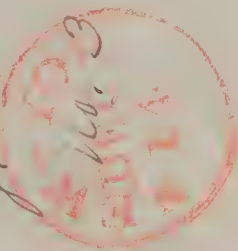
AG

Benj. D. Greene Esq.

Mt. Vernon N.H.

Boston

PAID



Dr Gray

Asa Gray

Cambridge, Saturday
22nd Aug.

My Dear Friend

I have your message
from St. Louis.

Come on Saturday next
29th and have the Sunday with
us. - the only chance -
Later than that we could
not give you a day - nor
more than an hour for
talk.

As to Academy - its
name is all right - all
it wants is a local instita-
tion, Washington. Make it
the Academy at the Seat
of Government - keep your
~~outside~~ members not con-
nected with Government - as in
office or employed by Government -
and not resident within
100 miles or so - as Corresponding
members, ~~in case~~ at least after

These ~~will~~ in Disappearing
- and increase your ~~contacts~~
with proper persons - resident
in the District, or in the
employment of Government - officers
to - wherever they may reside,
Then you will do well,
and perform useful functions.

Yours ever - hoping
to see you - I up me a
line.

A. Gray

New York, Nov. 76. 1838.

My Dear Sir

Yours of 1st Nov. was duly received, and I thank you very much for your attention, as well as the hints and kind advice you offer. But I am sorry to say that the parcels, as well as the letter & enclosure to Chiffart have not yet arrived, or had not at 2 P.M., and I had supposed I should have been obliged to sail without the letters of introduction &c. But I am this evening informed that the sailing of the vessel is postponed until Thursday, so that I still have a chance.

I need not say that I shall promptly and carefully attend to your several commissions. I wish you would write to Pixie, Dr. Torrey will forward your letter with others to meet me at Paris, and then your blowing up will come with more point than through a third person. I would have

much pleased to spend a day ^{or two} with you, but it has been out of the question wholly. Even now I should not have been ready had not the day been postponed.

When you commence your lectures here, if you should not be here sooner, I wish you would call, with Dr. Torrey upon Mr. Davis the Architect, and give him your views as to the arrangement of rooms for Natural Philosophy, Chemistry &c. of our University. He wants data very much, and the assistance you might render would be very important.

Mr. Christie was according to the last accounts very sick, and not expected to survive long. A tumor or some other disease of the spine is said to be the malady.

You may continue to address me in London to the care of your own agent O. Rich of Red Lion Square. It is probable that I shall have business relations with him. Dr. Torrey will from time to time be advised of my movements on the continent. Best regards to Mrs. H.

With many thanks for the expression of your kind wishes, I remain
Cordially and very truly
Yours. - A. Gray.

P.S. When a definite proposition from our Board of Regents reaches you, as I hope it may sometime next month, I hope you will give the subject a careful consideration. - I also hope your views of duty may lead you to embrace the offer. I wrote some time ago to a member of the Board, recommending them to try also for Prof. Alexander, and in case of their being obliged to look among the Clergy for a Chancellor, advising them to attempt Dr. Ludlow. Stillman it is more than probable will not and could not, leave New Haven, where he is part and parcel of the College. Adieu
A.G.

Prof. Henry.

P.S. 2nd. (Nov. 7th) Parcels arrived at Chilton's. - All right. - A.G.

Prof. Joseph Henry
Princeton
New Jersey



Dr. A. Gray
Providence
Rhode Island
Nov 6th 1838

Asa Gray

The ending 24th Nov 66.
\$20.00 or \$25.00

would not only set me
up for the ink, but also
the Stationer - which,
for Botany, is worth 10
Botanic Gardens.

We are pretty well
here. Mr. Gray send his
love to you all. -

If you should see Mr.
Peabody, your continued
cooperation would be useful.

I have said my say,
and have nothing more to
say, unless I am asked for
further information.

In haste, Ever Yours

A. Gray

(Cambridge. 24th Nov. 1866.

My Dear Friend

You may wonder I
did not sooner reply
to your very kind and
interesting letter of the
31st Oct. - about Mr.
Peabody. -

The reason was - besides
that I have been greatly
driven with work - that
an enquiry from Mr.
Minthrup - Mr. P.'s
confidential adviser. I
suppose, in things of the
sort for this Meridian -
gave me an opportunity
of explaining my views.

and position with con-
siderable fullness —
and my letter is likely
to reach Mr. P. if he
should really entertain
Stork's proposition.

In my communication
I included the "Forest
Trees of N. S." ~~in the~~
with the Flora N. Amer.
as the things which
I was pledged & expected
to execute — as the two
works of permanent
value & importance which,
if I could soon be able to
give principal attention
to — I could hope to ac-
complish, but hardly otherwise.

I recommended his aid,
if given, to be in the
desirable form of an
endowment — Peabody
fund — for the support
of the Harv. Lib. & Herba-
rium — given therefore
to the University — not
to any individual — with
the understanding that
while needed — a portion,
or the whole, as need be,
of the income should go
to provide me ~~a~~ com-
petent assistant in it,
for which would enable
me to re-arrange my
work, and throw off a
good part of what now
makes such heavy
demands on my attention.

to the Special Meeting
of the Academy when we
presented the Rumford Medal
to Alvan Clark. He came
-enjoyed it, and was a
good deal attended to.

He is now on nomination
as a Fellow of the
Academy.

I am glad indeed to
hear of all the prosperity
of the Smithsonian - as
to funds, &c - and peace-
ful support of your views.
Also that the change
as regards the Library
works so very well on
all sides and for all
interests.

You have now the
means to prosecute and

34864
Cambridge, March 17, 1867
My Dear Friend

I was much pleased
to get your kind letter
of the 8th; and must steal
a moment in which to
write you a short letter
in reply.

You see that Mr. Peabody
has put me upon another
of his trusts. I should be
glad to know whether it
was his own idea, or only
that of Mr. Frank Peabody
the President of the Essex
Institute. I can trace
it back only as far as
that. If the former
it would then appear not
unlikely that Mr. George
P. may intend still to
take some action in the

matter of Dr. Harker's
letters.

The day I went to Salem
to attend the organizing
meeting of trustees, Mr. P.
had gone to Boston, - so
I have never yet had the
opportunity of pursuing
my respects - which,
however, I will take some
other opportunity to do -
before he returns to London
in May. - Though it is
not in my disposition to
put myself in his way.

When shall you see
Prof. Marsh?

I have been all
along in confidential
relations with Prof. Marsh
in regard to the gifts of Mr.

Peabody here at Cambridge
and at Salem. But I
do not in the least know
whether he - or whether any
one except Mr. Winthrop,
- knows any thing of Dr.
Harker's letter. And I
think it not improbable
that the whole matter
has passed out of Mr.
Peabody's mind. He
has certainly done much
in this country, and has
done it remarkably well
-

I had called on Com.
Rodgers, - along with Mr. &
Mrs. Loring, and had met
the Com. & Mrs. Rodgers -
both interesting people - at
my Father's in-law's table.
I had also invited him

Dear Anna Gray
I have just received your letter of
March 17. 1877.

Mr. Gray will come
with to Helen -
to whom - and to her
sister & Mrs. Sturges -
we both send our love

Ever yours

A. Gray

P.S. I have just received a
copy addressed to Smithsonian
of the Proceedings of the
Historical & Botanical
Congress at London last May
in May last. - I will send it on
by Express A.G.

provide scientific records
etc.

Storke sends me over
a new - strongly representing
the great need of that Index
or Key to the desperately
scattered publications on
Modern N. Amer. Botany
He knows that Thurber
undertook to prepare it,
& that you were to print
it - and that the amount
of work Thurber is in-
volved in prevents it
from being finished. So
the large amount of work
already done on it is lost.
Possibly Thurber might
get somebody to ~~help him~~
help him out with the
work if he could pay
for it. Can you ap-
propriate say \$300 for this
to be paid when the work is done?

That night, perhaps,
recieve it.

I am glad that you
secured the Court Survey
for Pierce, & made
him take it. - I know
it was your doing,

It was the best thing
under the circumstances
and I am not surprised
at all at the result,

If he had positively
refused it, you should
I think, have taken up
B. A. Gould for it, if
the Staff at Washington
would work under him.

Mrs. Gray has had a
suffering time - a month
or two ago - but is now
pretty well.

I urge her to leave
my two pieces here on
my hands, and run on
to you for the rest of
this unatched month,
But she will not -
and, in fact cannot.

She has, however, taken
up the pen to assist me
in the way of correspondence,
and writes me any of my
letters - I will wish
she had written this - on
account of the legibility it
would then have had, But
as it is a ~~private~~ Private

a set of ~~enclsa~~ ^{graphs}
in 3 pages. ^{which} ~~Wm~~ ^{Wm} ~~2~~ ¹ ~~6~~ ⁶ ~~9~~ ⁹
said ~~will~~. I reckon, make
15 pages of our Proceedings

Ever yours cordially
& gratefully
A May

and ~~to~~ ^{to} Private
(Cambridge Nov 21, 1867)

My Dear Henry

It seems a sad pity
to put a pruning knife
to your elaborate and
well-proportioned Eulogy,
and to interfere in any
respect with its fair form.
But, consider—

1. That its length, even
after moderate verbal con-
densing, will exceed that
of all the rest of the bio-
graphies ^{of the year} put together,
making as it does—
you know—a part of the
annual report of the
Council (all of which is
supposed to be read at one
meeting), it must have
a certain proportion, both
in the fitness of things, and

and in justice to the
rest.

2. Then the fact that
it is the Council Logique,
requires the omission of
the first person singular,
which comes in towards the
close, and restrains
somewhat the freedom
and the particularity so
natural & fitting to the
writing of his intimate
friend.

Now, what shall I
do? I have read over
the ms., and like it much,
too much to want to
spoil it. I think you
ought & will have a call
to use it in full in
connexion with the Smithsonian,
where you must need be

Bach's biographer, and
will want to print in
your Smithsonian Report.
Will you let me take
by condensation & much
omission & re-elaboration -
the, say 6, printed & 8
pages (as much as we
gave to Everett & Quincy
together)? Would that
spoil the Enquiry for
the use you ought here-
after put it to?

I hope not. And -
unless you forbid I shall
set down to it with a
stern Procrustean resolve.
It seems like amputa-
tion!

If you object to that,
I could, out of your ma-
terial, make out, in my
~~own~~ ^{own} language, an abstract.

Asa Gray

Dr. J. W. Gray, in care
Prof. Joseph Henry
Smithsonian Institution
Washington

Charlton House Kew, near
London, 22^d Sept. 1868

My Dear Henry

You will be pleased to know that our quite smooth and favorable voyage terminated a week ago, and that Mrs. Gray and I found comfortable lodgings awaiting us here on Kew Green, where we are established. Mrs. G. is now the coach for the voyage I hope better, and can procure plenty of rest here, - where our friends who survive seem very glad to see us.

Mr. Winthrop I find has gone home, so I should be obliged to you for a line of introduction to our Minister, Mr. Beverly Johnson - which you kindly offered to Mrs. Gray. Please address us here till Nov. 1, - after that better address to the Baring Brothers & Co. London. Ever yours affectionately
Asa Gray.

[44 of Susan L. 1
27 June 1941]

Private, i.e., unofficial

Montpelier, 26 Nov. 1868

Asa Gray

26th Nov 68

John May...
wished you...
and I left at once. The same
wish is expressed by the servants
at London & at Paris. And
if my little sheet allowed I
could give what I think very
sufficient reasons for asking
you to consider whether you
should not send Gay thence
a year to England, Louis, a Ger-
man. Please imagine
some of the reasons, and consider
the question. As to Egypt.

of Harvard, I think, if wisest
counsels prevail, Dr. Peabody
will be found the place. To him
it belongs by the most legitimate
claim, and he would just now
be the best man. But I hear
nothing of what is going on.

Mrs. Gray sends her love
to you and all yours. (I think
I wrote you that kind Miss Sul-
livan speaks warmly of you.)
My warmest remembrance also
ever yours. A. Gray

My dear Prof. Henry
Your kind letter, enclosing
a note of introduction to Mr.
Nevady Johnson, reached me a
few days before we left England,
and so I have kept it. He was
expected at a reception at 24, St. J.
just before we left, but he did
not come. It is of no particular
consequence, and as to the matter
of paying my respects to our
representative, I more regret
that time did not allow me
to call on General Fitz at
Paris. What I more
regret is, that you forgot to
send me the official introduc-
tion from the Smithsonian Institution,
which might have been useful
in Egypt, &c. Perhaps, if you
could get send it, thro. the
State Department to Charles
State Esq., our Consul General
at Alexandria, it might be very

SMITHSONIAN INSTITUTION
DEC 20 1869
WASHINGTON

5
Cambridge, Mass. Dec. 18, 1869
My dear Prof. Henry D.

Your welcome letter of the 10th has been before me for a few days, during which I have been trying to get a moment in which to respond to it.

About the time it reached me we were plunged in sorrow by the very sudden death of Mrs. May's sister-in-law, the wife of her older brother C. W. Loving; you may remember her. She was a great favorite and much loved, - had been seriously out of health for a few years, but was not thought near her end. She died in sleep, apparently, without pang or consciousness. We attended her funeral yesterday, Mrs. G. who had got a good deal worn down by setting the house in order, is much prostrated by this.

In and spring I should like to have her visit you, and even to do so myself. But I shall find it difficult to get away, and she probably will not leave me. I wish you could come & see us here, - where we could have long talks - a thousand times more quietly than in W. while Congress is in session. I have come

Spa
Dec. 1869
Great
Top

back to very hard college work - a
tremendously large class - 107, and
no assistant. The loss of Maine has
frustrated all my hopes & expectations.
I had intended my absence to establish him
in the work, so that the laborious
detail at least might be hereafter
taken by him. Now I see no one to
replace him, - the work here drizzling
in amount & hardship, and I too old &
too little patient to do it as well as
I formerly could. Every two-hour ses-
sion - 3 days in the week - prostrates me.

However this sort & amount of work
I will not do after this year. I had
rather resign - and indeed a sense of what
is due from me to the College & to the
Corporation who have been always kind
to me - alone restrains me - and live on
a scanty income, and save my time for
the work I am pledged to. If I
can do so, or throw off, say $\frac{3}{4}$
of my work in College & Garden, will
your Agricult. Department give
me \$1500 a year while I super-
intend the Report on Trees. So I

Which brings me to say - all I
have time to do to-night - that your
project of transferring said Report
to the Agricult. Dept., is most ex-
cellent, & I think very feasible.

In repaying your outlay, they have
only to pay for drawing & engraving, &
for plates & cuts executed. I never
charged or took a cent for any thing I
have done.

Dr. Parry, the Botanist of the Agri-
cult. Department, is a first rate man
to take this up, - a man I cannot
work with well, & knows the western re-
gion thoroughly, is up to trees &c.
With him should be associated ~~Barby~~
Barby of Wilmington Del., - whom
I have been interesting in the subject
for 2 years or more. He is near by -
can secure license &c.

Saturday morning. - We will see now if
I can write plainer by day light.

As to Forest & Forest Trees -

You must (as you said you would like to
do) write a condensed & plain essay on
the Climate of N. S. I follow with:

Forests in their Relation to Climate; the
Distribution & Character of Forests in the
world, - in N. America, in particular. -

Then the Development, structure & Physi-
ology of a tree - of our different sorts
of trees, - from seedling to fruit. - -
Then - analysis & particular account and
figures (more or less) of our species of
trees in succession - with notices of
analogous ones of other countries which
may be worthy of attention here - a
great part of this may be done by
Carré & Parry, one or both. There
is plan; but, as to time & opportunity,
"Who is sufficient for these things?"
Ever Yours sincerely

Asa Gray

I want to forward the enclosed
letter to Mr. Stevens through
you & your sister. I do not
know how to send it ad-
dress, and I want to make
sure she gets it. (She will
see - please read the letter -
that a most valuable
package - which ought never
to have got to his hands - has
somehow struck fast, and
the American Academy is very
anxious for it. Would you
kindly instruct Mr. Wesley to
receive it, & to pay charges, if
any, letting me refund them -
(which I can do in London if
wished) - and, if the package
has been sent I must have
the evidence of it, & the means
of reclaiming it.

I enclose stamped envelope
for London.

Pray help us; for if I
merely write to Stevens I
shall get no reply. I fear.

Ever yours most truly

Asa Gray

Cambridge. Oct. 18. 1870
My Dear Professor Henry
Welcome home again,
you and your daughter
Mary! And we hope
you have had a delightful
time, and are both well
and hearty. We had reason
to expect so, from what we
learned of you through Mrs.
Henry and the girls when
we had a little glimpse
of them a month ago.
I long to have a talk
with you, and hope that
your affairs may bring
you thus way before winter
sets in. For I see
little chance that I shall
get to Washington very soon.
My endeavors to diminish
my College work have
resulted - consequently upon

the extension of Natural
history studies here, under
our new regime - in
a very notable increase
of my professional labors.
- but I hope, only for
a time.

A month hence I
shall be 60 years old
and have earned a good
right, not only to the gray
beard - to which you take
such serious exception -
but, to some effectual
relief from at least
the drudgery of profes-
sional work. But
the prospect is not appar-
ently near, owing to the
impossibility of replacing
me in respect even to the
details of teaching and
administration here.

When you get a spare
hour, please tell me of your-
self, your doings, &c. -

I am all alone, Mrs.
Gray - tho' hardly strong
enough to do it, yet likely
to be improved by the change,
has gone to make some
visits on the North River, &c.,
and will be away all this
week and next. So I
have long evenings by myself
- but plenty of occupation
for them. I have been try-
ing ever since you came
home to write to you. But
more pressing things have
been in the way.

This for my letter is a private
one - to you - So, I will
have by you to give my
love to Mrs. Henry & daughters,
and do the official part
over the leaf.

That is to say -

Prof A Gray
Oct 17/93

My dear old Friend

BOTANIC GARDEN, CAMBRIDGE, MASS.

Oct. 17

1873

Thanks for your letter of
the 2^d inst.

As to the rain-gauge, I
sent you a postal-card to
say how I wanted it for.

As to the financial
cataclysm, I do hope that
by this time you may see
the way to a more encouraging
view-- and that there will
be no ultimate ~~loss~~
loss to your funds, nor
long delay of payment.

Let a paragraph I see
in the Nation looks unfavor-
ably for the Bank and
its management.

Speaking of the Nation, I
may tell you that you will
find in the number for this
week not only an article
of ruin, which has been 2 or

3 weeks in type - but also
a short touch in the Notes
of the week.

Hiske's article in the
Popular Science Review
seems to me remarkable
for the truths which it
was better not to say, at
least in the time adopted.

It seems to me in rather
bad taste, and the writer - not
being a naturalist - does not
know what Mr. H's good
work and strong points are.

Since you were here,
we (wife & I) had a
most pleasant fortnight
on Hudson River, & Onondaga
Co. N. Y. - and I have not
settled to my work again.

We wish you & your
dear family could have
stayed longer with us, and
that I could see more
of you in these years.
Our kind love to you all.
Cordially Yrs. A. Gray

Disadvantages

Whatever you may
think of my suggesting
I am confident that
you will take no
umbrage at my have
offered them - for
what they are worth.

Very truly (Yours

Asa Gray

~~to~~ 11
1874

To Professor Henny

874
APR
14

BOTANIC GARDEN, CAMBRIDGE, MASS.

April 11, 1874

My Dear Sir

Permit me to make
a suggestion to you, as
the President of the
National Academy of
Sciences.

I am led to think
that the present is a
most favorable time to
endeavor to initiate
a certain change in
the organization of
that establishment,
which would probably
ensure for it a healthy
and prosperous existence.

under the best wishes of
of all.

namely to add the
word Washington to its
title, which gives a
local habitation while
it sufficiently indicates
what Nation the Acad=
emy belongs to.

I think the present
Members from a great
distance - not being in
the service of the U.S.
would be as well pleased
to be associate members
and that the Academy
taking root, and proving
a proper raison d'être

would begin to flourish,
and in due time be much
more important than
its elder sisters - the
American Philosophical
Society, and the Ameri=
can Academy of Arts
and Sciences.

While President of
the latter I could
not for a moment
entertain the idea of
any prerogative of the
Washington Society,
such as its original
organization seemed to
claim. And I fancy
that experience has shown
that the plan adopted
was serious practical

not wholly to be carried
into effect just yet,
unless conditions specially
favor it, - but worthy to be
taken into consideration
directly, and, if approved,
brought into the shape
of a policy. My own
opinion is that the Board
of Regents should continue
to be trustees of the M. S.
for the Museum, but
administer it through a
separate officer. For
this there would be some
objections so long as the
Institution & the Museum
are domiciled together.

If we do not effect
this amount of separation in
our time, there is reason
to fear that our successors
will not, - and that the proper
work of the Institution will
become secondary.

Faithfully Yours

Arbuz

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Nov. 12

1871

My dear old Friend

It was a pleasure
to get your long letter
of the 6th - I shall be
glad to know that you
received the little book
sent by mail.

What you write of
Silman and his
University interests
me. When they
want a Professor of
Botany who is going
to make a fine mark
as an investigator in
Cryptogamic vegetation.
I have the means to
propose. - But we shall
be sorry to lose him
from Cambridge. When

I go to Washington - I
should like to see Pratt,
Gilman.

We felt it a great de=
privation that you
could not come to
us in Sept. Consider
how long it is since
you were here.

I held myself in
readiness to obey your
call whenever you
wrote me. But I,
too, have my hands
full, and owing to
the printer's calls now
tied to Cambridge than
usual. So the long
visit you suggest
will hardly come off
this winter.

You will have some
serious questions to
consider, if not to settle,
directly about the re=
lations of the In=
stitution to the
ever-increasing Mus=
seum.

As Chairman of
Committee to consider
about it, I thought
of breaking ground in
a short Report - to
be written before your
annual meeting,
and submitted to my
two colleagues - if one
can catch and hold
them - when I go
on. I should like
to know, first, if you
see your way to any
practicable proposition,

grounds, ^{very abundant}
rooms - which I need not
refer to - it is clear to me
that you will go to a different
kind of thing - one with founda-
tions, and a cellar, and
two stories. - In fact
you will probably come
to a quadrangle, of
which you will now
build one or two sides,

We remembered, last
evening, the reception
at your house, and
longed to be there,
mingling with the throng.

I am going in an hour
to Admiral Davis's fe-
noral, to act as one of
the hall-bears - four
civilians to join the four
officers, ^{ever sincerely}
Your Asst. Secy

✓
HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Feb. 21, 1877

My dear old Friend

Yours of the 15th inst. is
received, and has been
read with much interest.

It seems that you may
take courage in the hope
of seeing your views and
wishes for the Insti-
tution carried into effect.

The initiation by
Congress itself of action
which would result in
the separation of the
National Museum
from the Institution,
is what - as you know -
I regarded as the best thing
of all, - but I hardly
expected it. The ~~affair~~

affixing by Congress of
the condition you refer
to, viz. that the build-
ing shall be by itself,
is the first and most
important step.

I am interested to see,
too, that the objection
you felt at having
the Smithsonian edifice
left on your hands,
may also disappear.

The income you might
derive from having the
Signal-Service Bureau,
and I will add, the
Light-House Board, as
tenants (better particularly
proper tenants), would
make up for any loss,
"Keep a thing a dozen
years and you will find a

use for it", says an
old proverb. The
Signal Service may
utilize your towers,
which I rarely pass
without a mental
knocking of the teeth
at the amount of
money gone up into
the empty air.

But there is one thing
to consider in case
Senator Morrill's views
are embodied in the approp-
riation. The out-
of building, planned
by Gen. Meigs was
appropriate for its purpose
and position, - but would
be inappropriate for the
National Museum by
itself, both for practical
use, and as an edifice
to stand by itself on the

Asa Gray.

Oct. 13./77.

Cambridge, Saturday
Oct. 13, 1877



My Dear Friend

It was a great pleasure to get your letter, giving in your own hand the particular information I sought, and also some general news relative to the Institution and yourself

— I will send the parcel intended for Germany on Monday

— I wish something more from you, viz — what you have published (i.e. the general results) about the rain-fall in the U.S. I think, too, you have somewhere a short article on the elements

of the weather of N. America.
which I can refer to.

What I now want is -
to correlate the Vegetation-
regions of U.S. - viz.
Eastern forest-region
Western " " &
Great intermediate region
of wordless plains, trav-
ersed by N. & S. mountain-
lines with wood only
where elevated or otherwise
favored with moisture -

- to correlate these with
the rain-fall, and, when
we can with the
causes of the rain-fall.

I know you have ^{collected} ~~done~~
in brief & with clearness,
what I want now to
know. Please direct me,
and send, perhaps, the
rain-charts I have seen.

But do not press.

We have had a grand time, &
very instructive - 9 over miles and
over 9 hours, & across the
hazy line from
you see

Hubbard

(101)

Cambridge, Mass.
August 15: 1867

Messrs Wison, Phinney, Blake =
man & Co -

Dear Sirs

Returning home
my assistant, Mr. Mann, re=
ports that Mr. Bufford, prom=
ising to forward the plates
of Manual, to New York
at once, gave no ex=
planation of his delay.
I have not myself been
able to see him yet.

You can now I
trust send me from the
printer the needed sheets
viz. 2 copies of Sign. 4
2 " " 20
& I add 1 " 38

I will, if you please

now draw for my
instalment of copy right.
shall I add \$3 or paid
for the 6 new plates?

Very truly Yours

Anthony

~~Anthony~~
Anthony

New York Tuesday Nov.
Dear Mr. & Mrs. Tansy -

I got to N. Y. about 1
P. M. little or no sleep,
as you may imagine: The
Washington train ran into ours
& made awful havoc. The
damage all at the rear -
none where I was.

I left my India rubber
overshoes in your trunk. . .
Keep them for Mrs. Gray, please,
who will bring them home.
I might better have stayed &
had the night with you. . .
Ever Yours

Albany

It will be quite in your way, and I would rather you should do it than any one else.

Mrs. Gray is pretty well and sends affectionate regards. She expects a little visit from the Stoppins soon when the Oriental Society meets at Cambridge.

Here are two photographs for you, of botanists whom you will know. Kind regards to Mr. James.

By the way, I may as well mention that Mr. Darlington told me that he had arranged that certain letters of J. Baldwin - which he could not print - as they were now in Marshall - should come into my possession after his own death. You will probably know if any bundle of papers is left, directed to my charge.

Ever Yours very
faithfully

Ada Gray

Cambridge. April 30, 1863
My Dear Mrs. James.

Hart-day, after church I get a bit of leisure, and, if it were not for a rheumatic shoulder - a new thing for me, I might write up a number of letters, I will at least thank you for yours of the 27th. A newspaper mailed by our good friend Miss Morris had apprised me that ~~our~~ Verrill and excellent friend had gone to his rest. Your whole account, especially of the funeral, interests us very much.

I had sent some while ago, word to Miss Morris that I had a single seedling Darlingtonia, and should like to know if Mr. D. was in cure sition to be interested in it.

But she thought the time
had passed for that.

He was a beautiful
man, and his memory will
long be venerated. We at least
shall not forget him.

Twenty years ago he had
sent to me his selected
epitaph, and had discussed it.

It is natural & characteristic
I should take an interest in
seeing such an inscription on
his tombstone. But, entirely
now, I should not fancy such
an one on my own. I should
select rather some simple
line of Holy Writ, expressive
of the Christian trust and
faith, such as our friend
died in.

I had lately been writing
brief notices of several of our
botanists ~~for the~~ deceased
for the May no. of Sil. Tr.

(as you see. I mail a copy
just received); and at the
time I felt that they
probably would not be pub-
lished before there would be
another and more distinguished
name to add.

I shall not wait for the
year to come round, but I
hope to draw up a brief
tribute to his memory
for the July no. of Sil.
Journal. So I should be
much obliged to you for
the dates and other partic-
ulars you kindly offer
to furnish. I hope that
autobiography which you
are so fortunate as to
possess is of such a char-
acter that it may be
printed, and that you will
give it along with a little
memoir from your own pen.

Cambridge July 5, 1864.
My Dear Mrs. James.

Many thanks for your
most kind letter of the 22^d
and for the photograph of Blanche
— as handsome a boy as one
could wish to see! Alas, our
merriment at Yemas — when
we have always had the children
and your people of the summer
in here — is cut short this
year by Mrs. Gray's illness.
After recovering from a sad
break-down enough to go
into Boston and aid Mrs. Long
at the Fair — that splendid
Fair — she came home to a
sick bed, where she still
lies. — and as I am nurse
as well as botanist, you
will excuse me that I have
so long neglected to thank
you for your letter & contents.

And I have had in these
respects sundry cares and
distractions.

The copies of 'Three Weeks
at G.' were useful, for Mrs.
Gray wished to distribute
many, to distant friends. She
got several at our house.

So, you see, we are bound
up for the winter - no
winter vacation for me. For
at best, Mrs. Gray will be able
to get no further than Boston.

As to the nation, I think
all goes well, toward the
end, we hope for - slowly, but
surely.

Please thank Mr. Jones
for me for copies of Le-
squerre's paper he
sent me.

And many
thanks and much love to
my little Godson, who has

so thoughtfully remembered me.

As to Mrs. Gray, I should
have said, this morn, that
she was fairly better, but
an ill time has come on
since. I hope it will not
last, nor do I consider her
situation at all critical,
yet it gives us anxiety.

Believe me, Ever

Yours cordially

A Gray

to send me. - now of those things
Kilvington was to send - now of the
nice cuscumatory plants - mainly
a Philodendron pertusum
which Pollock, my Dundass
gardener was to send. As to
the latter, if not already sent,
I would prefer that they
should not be risked at this
late season, but kept till
spring.

I have had occasion
to write to David - also to Mr
Carson. - two of our Angustifolia
plants. The wedding cake
gave us such early hours that
we were all right; but poor Mr
Jenny - at whom we laughed for
staying till midnight, and for his
dissipation (abstemious man that
he is) was quite upset the next
day - I remember that was only ten-
penny. Many thanks for the
pleasant reception you gave us -
and kind remembrance to the young
people. I hope Miss Fanny missed
me. Very cordially Yours
Asabury

Cambridge, Nov. 8, 1864
J. A. Gray

My Dear Mr. James

I have been trying
all along to get an hour in
which I might write to you.
But C. Wright was here,
awaiting my return, and I
was taken at once into his
employment - i. e. I have
worked as hard as I could
from noon till night, day
after day, at the arrange-
ment and distribution of his
great collection of Burke plants.
A great job - and I think we
are about half through.
The intervals have been hardly
sufficient for the necessary af-
fairs I have had to attend to.
So, you see, I stopped at once
from the joyous holidays I may
and I had at Philadelphia into
real hard work. But I
remember the nice times we
had, and the nice care you

and Mrs. James took of us.

Thus far I have been too tired last evening - after writing the necessary letters - to take hold of Drane, long undisturbed and get together Historical autographs, prints, photographs - which I propose to send freely to Mrs. James to arrange, on the chance of her finding some duplicates new to her collection. I mean to do it yet, but when, is the question.

Our house is partly to-rights, and Mrs. Gray has been about as hard-worked as I have been, with far less strength to endure it.

Now the election is over to-night. Here it has been as peaceful and almost as quiet as Sunday. Cambridge has supported the administration manfully, - has secured Mr.

Storper's election without doubt, and we hear that Boston has also done nobly. To-morrow morning we shall have the details, and we hope cheering accounts from Pennsylvania and New York. I do not see how we can help, having the State of New York, and I am confident of Pennsylvania. Any way I have not the least doubt that Lincoln is re-elected by a great majority.

Mr. Loring at once sent to Mr. Tammall the papers I wished him to have, and was pleased that I saw him. - Through your kind arrangement.

Have you seen anything of Rotherwick, my former pupil? It is his fault if you have not.

Do you know, I have heard not a word of the plants (shrub, tree, &c.) Mr. Mechem was

good for nothing. Was it
that brought in a vessel, and
what were the plants he
brought, to Europe, under cir-
cumstances similar to those
the Ed. Reviewer has so mixed
up with other things in his
pot-pourri? You know
all such things. Pray
help me.

Kind regards to Mrs. James;
love to the children, and
my thanks to you.

Ever yours

A. Gray

B - 29 Jan'y 65.

Dear Mrs. James

Many thanks for yr
kind letter of the 23^d -

As to my lectures at
Washington. The facts are
that Mrs. May had ac-
cepted a pressing invitation
from the Henry's, and wished
to time it so as to see the
inauguration of Father Abra-
ham. So I was to run
on into her, at the close of
Feb'y, - and to give one or

two lectures at the Smithsonian — only one, however, being possible, as I can be away only a week.

Mrs. Gray had counted on going straight through from N.Y. to Washington, (but I had rather set my mind on a day in Philada. just to see our friends there), and looked to have a day or two with you on her way back.

But now, this great calamity of the fire upsets all our plans,

and makes it very doubtful if we go at all. But I will let you know our movements if we do, and I hope we shall, at least see you, en passant. I ended with Mrs. Gray to stay in the city a good while, — but I doubt if she will. The fact is, we are too old a couple to be long separated.

Adrien de Jussieu is the man photograph.

I have no Humboldt, and I know not how to get any.

On the enclosed sheet is a blank for you to fill up. My memory is now just

Cambridge Sept. 4, 1861-

My Dear Mrs. James

You & Mr. James will have seen, with sorrow, the telegraphic notice of the death of our dear old friend, Sir Wm Storker.

I have not yet any letters, and have only the bare announcement in The Reader that the event occurred on the 19th ult.

I daily expect to have some details.

We shall all feel it sensibly. Although just over 80, it was only very lately that his faculties seemed at all impaired. He was one of the best of men.

This reminds me to ask of you the communication - from some Philadelphia or Church paper, of some

biographical notice or memoranda
of your late ~~friend~~ Bishop
Potter - who was also
a member of our American
Academy. I want to
use a few data - age -
when he became Bishop -
etc - early next week, at a
meeting of the Academy -
Our proper notice will
be given at the Annual
meeting next May.

Mrs. Gray, now safe
at home again, send
her best love - & regrets that
she was unable to come and
see you before you left.

Our best regards to Mr. Jones

Very cordially Yours
Asabrown

A. A. Gray
May 30 1876

BOTANIC GARDEN, CAMBRIDGE, MASS.

May 30. 1874.

Dear Mr. James -

A number of
Linnaea, vol. 34,
is now much wanted
by your printer

A. Gray

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

June 6 1880.

My Dear Mr. James

I have had an interview with Garrison, and have arranged terms on which he will bring out the works. - the printing to be done in Cambridge, either at the Riverside or Wilsons Press.

I have a form of written agreement from Garrison, which, however, needs some alteration. - You to furnish drawings for the new plates. - & he will have it engraved on copper. He pays all expenses of setting out, gives you 50 copies. - & then sells remainder of a first ed. of 750 to recover his expenses, - pays copy-right

at rate to be settled, on
all copies sold after that.

How does this strike
you?

Very truly, Yours

Abraham

Knowing these terms
we could ask our
New York publishers if
they would go as well,
or better.

help him in the only way
he will receive aid.

He cannot live to receive
a penny from the copyright.

You & your children
probably will.

My idea is, that you
had better offer him - say
\$400 - besides the \$100 per
anum or will use - it
will be very liberal on your
part* in consideration of
which he is to get the book
thru. the press & relinquish to
you his interest in the copy-
right. As I said, he

never can receive any thing
himself - and you had better
hold it free from all interest
or claims of his heirs. -

He, I think, would be quite content
to receive this at the rate of
\$600 a year - unless you preferred
otherwise. Can you send all
this? I am very truly

* yet only just to L.

Albany

Banbridge. 16. April.
1843.

Dear Mrs James

Mrs Gray and I are
to run on to Washington to-
morrow night & shall be
away a fortnight.

I have already written you
much to-day that I can
no longer make letters.

But I must return this
letter of disquise and
write a few words.

We have the press.

First of all there is an
introduction, the substance
of which is excellent. But
the language and cast
not idiomatic English at
all.

If you have remaining
pace. you would have the

to re-into. Mr. Watson
has promised me to under-
take it.

Watson & I - the
two modest-worked
men in Cambridge
~~shall~~ will doubtless
have to do a good deal
in this way.

I think you had just
seen from an understanding
with Lesquereux & Mr.
Watson that the latter
runs over the proofs in
this regard.

I thought perhaps
they would do without the
new plate. For I do
not know who would make
the drawings. But Lesquereux

seems to know of some that
can be copied.

As to Copy right in-
terest - it means this

Lesquereux has all the
work to do - a pretty
heavy piece yet, in getting
it through the press.

You wanted to help
him a little financially
so that he could actually
do what he has done &
has to do.

He ~~want~~ will take
nothing, you see, except
for actual outlay in
copying, etc - & now
for postage & other actual
outlays.

I suggested the idea
to you. & to him, that
your right, so to say,
lay out his interest, & so

at present lovely. I
suppose that, about this
time you will be going
to Switzerland - Mr. England
must still tempt you
very much. We hear
from none of our neighbors
& friends over there with
you, except the Pickering's.
Mrs. Pickering wrote from
Cambridge, England - very
happy, apparently in her
first visit to England.

We are here as busy -
and about as well - as
ever. - And I remain
Very sincerely Yours

Asa Gray

Cambridge. July 19. 1883

My dear Mrs. James

It is high time that
I reported to you. Mrs. Gray
was going to answer your
interesting letter off hand, -
but she has been full of
company, and of a sort to tax
her strength, and of late
has had to take care of
me, who have been kept
up stairs and on my back
with a little illness. Only
this evening do I begin to
feel that I have any of
the old vigor left.

From your own letter, &
from what Sir Joseph
writes, we conclude that you
and your daughters are having
an enjoyable time

You will want to know
about the Moss-book.

Well, first the delay was
with Lesqueneul, - or rather
with me, who, finding too
much I could not under-
stand, or put straight
myself - after enlightening
him as I could, & writing
over some for pattern -
sent his MS back to
him. He is as patient as
a saint, and sets manfully
at work at revision.

Then came the initial
part of copy, - in terms of
him with Cassin, and
then a long delay on
Cassin's part - who found
some difficulty, he says,
in getting a good compositor.
At length some first
proof - then its revision
by Mr. Watson; and
now it has gone to Lesqueneul,

And now I hope we shall
move. I have made
such a personal appeal
to Mr. Watson (who had felt
that he could not touch it),
and have moreover arranged
to recompense him, in
some sort, for his labor,
that he will now read
the proofs, & guide & help
good Mr. Lesqueneul, -
And so, let us hope to
get on. I think that
you may feel comfort-
able about it, and I
am much more so than
I was. News of Cambridge
I think you will get better
from their correspondents. I
do not go out much - see
few Cambridge people at
this season - in fact most
are off, and we are in
deep vacation. - The
weather has been warm, is

His eyes are fairly open to the state
of the case.

As to what he writes, Mr. Watson
says he will not have his name
as joint author - it is to be
Mr. James & Lesquereux's,
monument. And he will
have not a cent of poor
Lesquereux's money.

What a pity you were abroad,
- too, we must grieve you the
good times you & your daughters are
having. Had you remained at
home, you might - after a ^{little} ~~lot~~ ^{have} done
a good part of the editing &
proof-reading, and helped the
thing along immensely.

As to your seeing a bookseller
or publisher in London - I think
you should first write to Cassin or about
it - the ~~publication~~ ^{publication} and sale being
entirely in his hands. It might
be very glad if you could open the
way to an English sale. —

Well, only now for happy New Year to
you & yours — Sincerely A. Gray

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

Dec. 31, 1883

11. P. M.

My dear Mr. James,

In this world we are allowed
space for repentance and amend-
ment of life "while the lamp holds
out to burn"; and Mrs. Gray
and I propose to avail ourselves
of it - as respects our sins of mis-
sion against you, in those last
hours of the year 1883.

We are both pained at finding
that our acknowledgment has been
sent for the really beautiful
photograph - which came safely
(except as to the glass, which has been
replaced), and which is much admired.

The blame must be divided be-
tween Mrs. Gray & me. But, we
are getting old, and we are keeping
our hands too full for old people

Well, Mr. Gray will pick up
as well as she can. She is ~~not~~
as strong as she was. - and now
strong women, members of large
families and rejoicing in many
& widely scattered friends, actually
survive the toils and perils of
the year and New Year season,
is more than I can tell. -
I think that, in the long
run, the women will die out -
a few miserable men will
linger a while - and then an
~~end~~ end, -

But you will say - cut
short your moralizing - or
demoralizing, and tell me
about the Moss-book

Well, Mr. Watson tells
me it is now going on rather
smoothly & rather fast. -

Thanks to him. We have
felt that Mr. James & Lesquereux
long labors must not be lost - -
must not come before the scientific
world as they would if left
to poor Lesquereux. - who we
found was printing his book before
it was written - - and in fact
who did not know how to prepare
his book for the press. - who was,
besides, - as to the literature of our
Moss leaving out, dropping
stitches here and there. Mr.
Watson directed the work &
we better guided the time. But
when he takes up a thing, he
must do it well. I suppose
full half his time - or near
it - for these months has been
given to this Moss-book - and -
as Lesquereux sees - it is quite
to be sure a deal different
from what it would have been
otherwise.

I think I had best send
you Lesquereux letter to me.
Latity received - written now that

May I not ask you to refrain,
for this season present? I
shall soon be done with them,
and you will have what ad-
vantage can be got from ~~the~~
my labors for many years.

I propose to lay aside for
your Composita mentioned as
desiderata, as duplicates come
in. My fear you especially re-
quire. I would try to furnish out
of the Herbarium. But the speci-
mens are glued down, more anglico,
We send away duplicates as
soon as we can. So I have
no stock to fall back on.
I shall be glad to have, from
time to time, any new things
you publish.

We are well supplied with Cope
Gramineae, mostly determined by
Mrs. So I will not ask for
those you kindly offer.

I return the specimens you
so kindly sent me. And,
with many thanks, I remain,
Very sincerely Yours

As Gray

Herbarium Dr. Klett.

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

My dear Sir

Feb. 14

1883

I am much obliged by your kind
letter of Jan. 2, 25. I send you
I believe all of the Owe. Am. Acad.
papers you ask for, and many more
besides. That from Jan. Bot. Nat. Hist.
Soc. V. is long ago exhausted. But you
could find the volume itself in most of
the Natural History Libraries in Germany
- in Acad. Sci. Berlin, for instance. The
books which you ask me to lend are
in the same case, mostly bulky books,
of which we have only single copies,
and those in daily use.

Mikania Standleyi. You are quite
right. I took Standley's determina-
tion without verification.

Thanks for the bits of specimens
sent to me, plenty as the material
is. I add some notes on them.

Orrickellia Cumingii. The involucres
(with 1-nerved bracts) & the style should
have forbidden its reference to that
genus. The head part, and the bit of
leaf, accord with Chrysopsis (Arundinacea)
Oregana. But from the printed characters
I could not have thought it.

Brickellia linearifolia. The specimen
sent is a Bigelovia, or possibly one
of those Ericameria with rays missing,
that pass into Bigelovia. The
bit sent does not suffice to tell the
species. I note that the
character printed and the specimen
are at ~~variance~~ variance in
some important respects. - Now, I
can now tell you the species.
It is Bigelovia Douglasii, Gray!

Ericameria erecta - Aplopappus (Erica-
meria) Bloomeri, Gray

Senecio Cumingii, is Arnica!
either A. cordifolia or A. latifolia,
probably latter. Both are occasi-
onally exaristate. It might be A. Parryi,
Gray, which is rayless, but of ray leaves
not distinctly cordate.

S. axillaris. I know Buckland's
specimens. It is too near S. selignei.

You know I am now doing
the Compositae for my Syn. Fl. N.
Am. I expect to print in the spring
and summer. You see from
the above how dangerous it is, - how
troublesome to me, and how bad for
yourself, to publish new species from
our region, from single specimens,
and with the comparatively small
knowledge you have of our flora.

HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

Sept. 27

1878

My Dear Louise

I have just met
Prof. Sophocles. He asked
after the Miss Loving
who was fond of fowls,
and if the fowls were
fond of her. I responded
with a strong affirmative.

Then he said he had
a splendid Polish Cock-
erel that he wanted to
find a good home for,
salary no object, a
comfortable domicile and
kind treatment being

what was sought. Said
Cockard a noble
and masterful fellow,
very affectionate, as is
the breed; dark brown,
with golden reflection,
will be sent down to
Miss Loring, with the
Professors' compliments
if she wants the
breed, and he is sure
he will be in good
hands, and that he
will do credit to his
breeder.

What say you to
the Professors offer.

Your affectionate

A. Gray

~~The~~ Cambridge, Mass. Land.
95696 Jan. 29. 1866

My Dear Arthur

Thanks for your
invitation for to-morrow
evening, and I hope I
may have the pleasure
of meeting you with
your friends.

Faithfully Yours

Abigail

5 Sept 31

Dear Prof. Rhinow,

I am sending you a bunch
of these frag letters to my father,
scattered over a no. of years. Such
things are doubtless stored in the
Gray Herbarium. As the Rhine
dynasty will not be continuing in
the botanical field, I am distributing
such accumulations.

In about the fortnight I expect
to be sailing for Egypt again.

Yours sincerely

J. W. Rhinow

[aw]

In the same way I am sending
a lot of Darwin's letters to
Down, where Darwiniana are
preserved.

Here is a quotation (Aug 1862,
but D., unlike Gray, rarely writes
the year)

"Thank Hooker for very kind
offer of dried plants; but I hate
dried plants; I can make nothing
of them, & I profoundly pity all
you botanists."

Have you read Herbert Bitchard's
"Dr Darwin". It is simply "screaming"

about that time ("the sixties") Darwin
was continually writing to my father
for names, references, &c. & often
that my father's old, much observations
& experiments on plants not accessible
at Down. He seems to have
apologized for so much trouble given,
my father evidently replied that
it was nothing & that he was
delighted. In this Darwin responds
that "you will discover that I can
become a most troublesome cor-
respondent."

My own judgment of the cor-
respondence (sometimes 3 letters a
week, full of requests) is that Darwin
fully justified his threat - a most
crazy & troublesome old fellow! J.W.C.

I have always meant, some day,
to write out the systematic part
anew, and should be well satisfied
to bring the arrangement or sequence
of notes into conformity with
Hark. & Benth. Gen. Pl.

Suppose you edit an English
ed. of the book, leaving out and
putting in just what you like -
-letting me see the proofs - and I
will help you. There are
many detailed matters I should
correct, which, the work being
steretyped prevents me from
doing now, - and which may
not be done here for a good while.
You can count upon my coopera-
tion, if you think it worth while
to act on the idea.

Ever Yrs truly

Asa Gray

Cambridge, Mass. U. S. A.
April 14, 1862.

My Dear Prof. Oliver,

Many thanks for your
interesting note and enclosures
of March 12.

I have been waiting with
interest to receive your paper
on the anther. It is now
too late to notice it in the May
no. of Billings's Journal; but I
hope to make a few remarks on
it in the July no. At present
I can scarcely find time to read
it. I am still inclined to imag-
ine (and that is all) that the type
of the anther is best represented by
the prevalent conception, and that
that may be harmonized with your
observations, - allowing of course that
only the upper stratum of the lamina
may be come polliniferous, and that
the dehiscence - evicted by the weak

point in the common view - may be all as you say.
Is not the greater frequency of introrse anthers
as readily applicable by noting the position of a cross-
lamina relative to the petiole - it being
introrse. And lateral dehiscence is the
normal rule, ~~whether~~ in anthers other than
whether introrse or extrorse. Liliaceae, by the way -
it is not generally known, but the anthers extrorse
inverted. While the dehiscence is lateral or slightly
introrse.

I note with all approval your remarks in p.
425, and I always wondered how Bentham
took up such a notion. I have since found that
the secretion of the glands in the bracts of
Calceolaryna acted like pollen to fertilize the
ovules. Howes nodding!

I must take the point of Hooker's
enquiry made for you - about
Botulalatta. It is now quite
clear. You ask why I included
it along with *Crivicaulon*. Is -
among plants common only to
E. America & Europe? Why -
because in N. America it is met
with only eastward - does not ad-
vance westward - as you see also
in Hooker's *Table of Arctic Pl.*,
also. To be sure it does
occur in Asia as far E. as *Siberia* -
and so you may suppose *Platanus*
Nelly, and I have said just by
that the communication was that way.
But I was only stating the fact, that
it "points in the opposite direction".
- You can turn the point over
well, and of course I like your
view, and would willingly accept your
explanation.

The *Atlantis* hypothesis, if good
for anything, must apply to an
earlier period.

About Bot. Inst. Book. I
believe I once replied to your
suggestion - that I
should be well enough pleased to see
it carried out, if you think it and
be useful and worth the while. -

Professor J. Oliver

Richmond,

Cambridge, Mass.
Sept. 20, 1862
Dear Prof. Oliver.

Many thanks for your recent letter.

Dr. Harker is right in pressing in his judgment about a reprint of my Brit. Inst. Book. I cannot conceive that it would pay to reprint in England.

I am quite ready for a new theory of another morphology, having no overweening confidence in the old one. But I do not see ~~that~~ you have attained yet to a good general view. — Though I dare say you may. Perhaps I do not sufficiently feel the objections to the current view: they do not strike me as overwhelming.

I cannot fancy Mr. Bantam's theory for Glossinoma, & any more than his glandular-anther theory, which seems to me very wide of the mark. He can be winked out of

Right the point is that
the stamens are opposite the
petals (i.e. the outer stamens)
in the Malval group.

I shall be sure to follow
your botanical movements
with lively interest as all
you do. Ever Yours truly

Anthony

in the forthcoming no. of Hill, Amer.

Appropos to Amer. Bot. Bulletin.

You should see the Proceedings
of the Academy, Amer. Soc. Philadelph.
this — and its Journal, now
in large 4^{to} form. There is not
much botany there; and what
there is with little.

I must get in the habit of
sending you all my miscellaneous
& scattered papers.

I could have the Proceedings
of the American Academy of
Arts & Sciences sent to you, or
to Art. Hist. Rev., if you desire.
There are sometimes botanical
papers in it, other than my own,
e.g., Tuckermans has one on
Lichens, in the closing parts of
vol. V. — about to be issued. —
Printed last summer.

Excuse my hearty & cordial
and believe me, as ever,

Yours faithfully
Dr. Pamphlets address
Richmond reaches
you without fail. Albany

Cambridge, Mass. Oct. 27, 1862

Dear Prof. Oliver.

Yours of the 9th inst. has
just reached me; and as I am
writing several notes for my
British mail envelope this week
I will not delay to thank you
for it, and also very specially
for the precious materials of
the monstrous Geranium-flower.
I cannot look at this by
night, but I hope to examine
it before long with your letter
before me.

I hope you will keep on
working at authors, as you
propose. You will find it well
worth while, and you will probably
get hold of the clue in time,
even if you have not already.

Your remark that the current hypothesis Mr. agreeing very well with 9 out of 10, "explains nothing suggests nothing", I will agree to.

The reason I say it answers the purpose of a sufficient hypothesis very well is that, having had it in ~~view~~ view for many years while working in Syst. Bot. at plants of a great many families, I have met with nothing in the way of it. But, Mr. this gives a certain probability, it by no means gives me much reason to insist upon it as true. All such morphological generalizations must be held with a certain looseness, and sub judice.

But if the author answers to a leaf-blade, and the pollen to parenchyma - a likely enough supposition may be entertained as to "why the 4 cells and the internal plate of tissue. The parenchyma of a leaf is pretty distinctly in two strata, and it is likely enough that the transformation into polleniferous cells should commence in each stratum, and not at the junction

of the two, - especially as there you have ~~the~~ normally the vascular system of the leaf. Now starting with this as the type, it would be natural to expect that, in many cases, the upper stratum alone would be polleniferous, - but more commonly both. The common involution of a forming leaf should be put in comparison with the general intrase condition of anther, &c. &c. -

Now all this I hold sub judice quite ready for a new view, when presented, with a certain clearness & completeness. The common view I have a clear conception of. Bentham's I understand, but do not at all take to it. Your view is yet to be developed. When developed, you will hardly find any where a more attentive pupil than I will be. But I still anticipate that the theory next to come will somehow embody the common one, as a case under it.

I think I see your hand in the Nat. Hist. Rev. on Darwin's Principles paper. I have a few comments

Cambridge, Mass.
July 5, 1863

Dear Prof. Oliver

Thanks for Brit. Bibliog.
and all your nice papers
Also for your interesting
letter about *Soranthracea*
and your revision of them (Nov.
19), which I have not yet
responded to; for really I
never studied these things at
all. Engelman made a list
of them - as to our species, and
so of course I have let them
lie entirely alone. So I have no
opinion at all whether Wislizenus
is right or wrong about *W. ind. br.*
cauthia & *Emmolepis*.

But pray tell me what is
the no. of the *Venerula* plant
of Fendler which you identify
with *Antidaphne* of Poeppig.

I have put some fls. of
Phoradendron flavescens in soak,
and will look at them another
day by day light.
My eyes are not, as once, up to
microscope in the evening by gas
light. - Yours ever. Albany

P. S. I find all the
anthers of *P. flavescens* are
2-celled. But the line of dehiscence
runs across the top continuously; very
likely the partition may sometimes
be abortive.

Herb. Acad. Sci. Paris
1195. M. H. B. 1195

Kew

John Clerk

Prof. Oliver
Kear

Dear Sir, Jan. 9, 1863.

Your last note crossed me
yesterday. Since I have asked
Engelmann, who says he
has never found a cited author
in Obenheimer's Flora, or any
other, but thinks it not unlikely,
evidently does not rely on that
character.

I hope you do not suppose it
could make any difference with me
whether the publishers of the Hist. Rev.
& of Amer. Jour. Science got at
loggerhead, or not.

I believe the latter received a very
satisfactory reply from Mr. Lubbock.

It was shocking to them to get
a very urgent & manly letter from
millions of people, - when they
had, at the first (at my instigation)
uprinted their whole Prospects,
and called repeated attention to
said errors.

But I have no interest or
care in the matter,

I have been very busy, on
a Rocky Mt. collecting
- which is now about in
my hands.

Very sincerely
 Yours Andrew

Prof. Oliver
Richmond

Cambridge, Mass., May 11, 1883

My Dear Prof. Oliver.

Your interesting letter of the 24th ult. reached me last week, and I lose no time in replying.

Since I have heard of the com-
minutos which Mohl (in lectures)
passed upon Port. Text Book, I have
really begun to think that it ~~may~~
may be good for some thing. I dread
the thought of having to re-edit it.
But if I did I should largely re-
write it, and make it easier to teach
from.

Your propositions & suggestions
now bring the matter up for
real consideration. I will
not yet say a word to the publishers.
They would I presume sell a set
of the ~~stereotypes~~ of the word-cuts, and
for a consideration agree not to put
any copies into English market. But
I see not how they could prevent any
purchaser from then putting the book
into the British market, if there
was an ~~inducement~~ inducement.

The book is electrotyped here -
and the plates in fair condition,
Left to themselves, the publishers

would not represent the work, per-
haps for a long while. What I
need in all these elementary
works is an annual fixed pay-
ment, pretty small.

My idea is that if your
University publishes could
prepare to have the work re-
edited, in view of adaptation to
English as well as American use.
it might be arranged to have two
sets of electrotypes plates of the
work made here, one for the
Amer. one for the English pub-
lisher, and a copyright inter-
est secured in England for your
publisher. — the expense divided.

Suppose you tell me freely, in
your next next, what omissions
you would make. — & generally
what alterations.

Then later, if the thing can
be arranged between the publishers
you could mark up a copy with
criticisms, suggestions, &c. and on
the data you furnish I could
re-compare the book. I
cannot think that any changes
you would propose as good for use

for English students could be
other than good for American
students.

The changes I should want to
make would be mainly simplifi-
cations. But, if you can
something like a proposition from
a publishing house to send me,
with your own propositions for
changes, and I will at once
enter into your views, and see
what can be done.

If nothing can be done that
way, then you must re-edit
it in England, taking copy right
for your portion, and making it
so good and fit that no copies
of the American issue would be
likely to find a sale in England.

Thanks for your Melantsevia
notice just received. I only glanced
it over, and thought it able & good
before I know who wrote it. I shall
read it again carefully, when I get
time to put my mind to it.

Do not hesitate to slash away
at Best Text Book as much as you
like. I shall not be at all sensitive,
and may agree with you. If I do not,
I can say so. Ever truly
J. W. Foster

London?

I will help "any way
you can fix it".

But can you fix it?
Your library is as
you count on being
old?

The books

They are

A. H. H.

Cambridge, Mass. May 21, 1851
Dear Prof. Oliver,

I have sent your
proof of 26 lines to
my publishers, - only
a few days ago.
But the influential
members of the firm are
not yet now in the
city of New York, and
I could at this moment
get no reply. I
shall hear from them
again in a few weeks.
Meanwhile, it would be

well if you could arrange some more
definite plan, and get a definite
proposition to lay before my publisher =
us. They of course will over estimate
their own interest, as publishers do.

When I cut out copy and send
you away do up the ^{English} piece
just as you like. And I
may write up the W. M. A. according
to your suggestion. I presume

If the publishers have time to see their
way to any considerable extension to the
role of the work in England they
might regard favorably the proposition
to re-write the book here for English
as well as American use, and perhaps
copies in sheets.

Now, on the other hand, they do not
incline to that, why could you not
write more help from me. Do you just
send a book as you want it on ~~that~~
basis of mine, and ~~not~~ publish it in

Cambridge, Mass. Aug. 9, 1865.

Dear Prof. Oliver

Accept a hurried note to thank
you for your very kind letter of Dec.
3. - also for your pamphlet on
4 new genera African plants,
just received. I am delighted at the
prospect of receiving the Japanese
and other plants you have been
laying out for me. I assure
you they will come to very safe
(fire-proof), neat, and commodious
quarters. It is a great comfort
to learn from you that a Catalogue
of the Griffiths and Solfer Herbarium
is printing - a great help it will
be to me to whom time is so scarce
as to me, and no one to help me,
except a mere glue. I admire
your industry and zeal, how full
your hands must be!

A lot of Cretaceous plants will soon
go to know from here. As a considerable
part of ~~them~~ have already been studied

by Grisebach, their descriptions may be
expected to be published soon. The W.
end of Cuba has a good many of our
S. United States plants, those of the
pine-harrens - such as Lachnanthes
tinctoria, etc.

Best wishes of the New Year to you,
Very sincerely Yours
Alway

Cambridge, Mass., Sept. 12, 1851.
My dear Prof. Oliver

We are here in great anxiety, having heard, through the prints of Sir Williams' death, but not a word yet from Ken or any one in England. That, however, might readily be. But the cause of our present intense anxiety is that a letter from Reichenbach at Hamburgh - almost a month old - mentioned that dear Dr. Storker was ill!!

Dear me! Mail after mail has come in, but not a word; and - as you must have hurried back to Ken upon this sad state of things, I appeal to you for the intelligence we so much want. Tell us, if you can, that Dr. Storker is out of danger - and tell us

of dear good Sir William,
Even the Gardener's Chronicle
since the 15th August has
failed or delayed to come to
us. Our love and sym-
pathy to Mr. Hooker's - and
to arrange, in some way, to
give us constant news, by
a line, however brief, - and
you will confer the highest of
favours upon Yours sincerely

A. Gray

Spizella monticola Phoebe
= Vireo

Prof. Oliver

Keen

Harvard University
Cambridge, Mass. U.S.

[Not "Boston" That in the
address delays my letters in
Boston often to next day.]
Oct. 16, 1865.

My dear Prof. Oliver,

Many thanks for your very
kind note in reply to mine, asking
about the last days of Sir William &
after Dr. Harker.
As you thought, I had meant to
a good letter from Mrs. Harker. Mr.
Bentham also wrote by same post
with yours.

Now let me thank you for yours
of Sept. 12. I shall be so glad
to get every thing you send me
from the Sandwich Islands, - in the
history of which I am much
interested; but when those of
St. Helena reach me, I will, if
I can, identify any species you may
not have done with any described by
or known to me. I shall help any

Philip H. Mann, in the study
of the collection he has made, &
in the preparation of a Cat. Pls.
Sandwich, & - which he will
undertake.

It is only now
that he has got all his collections
together. To avoid distraction
I declined to let him bring here
any, till he had sorted them all, &
could bring here family by family.
Mr. Thrope he had spoken to me
of the Sandwich Id., Begonia
- of which you also write. - I
have not yet seen it. I will
now see this Begoniaceae, and of
course will have specimens for ~~the~~
your ~~herb.~~, & this and all other things
Mann has, which you would like
Cape to have.

The only plant of Mann's I
have seen, is a n. gen. of Compos-
mentisicaceae - arborescent, which
Mann is confident neither Philib.
or any one else ever collected.

I propose to call it Stespero-
mannia; For I presume
there is a Mannia of Africa.

If I am right in this give me
a reference to it, and to the vol.,
And tell me what you will do
with the Begoniaceae.

Did you get the tubers of the
Momphaea tuberosa, Paine, which
I sent by Mr. Putnam?

I find that though most
of its seeds, ^{fully} ripe, have only
the vestige of an embryo - some have
faintly have it $\frac{1}{3}$ or $\frac{1}{2}$ the length
of the seed, and a few enclosing it.
We will look after it next year.

Ever, dear Dr. Oliver

Yours sincerely
Aschmann

Ms. 20.

I have just seen in Gard. ~~Chas.~~
that Lindley is gone too.

These great changes make
me sad.

Ever, my dear Prof. Oliver.

Yours faithfully
Asa Gray

John Oliver

Cambridge, Mass. Nov. 17/1885.
My dear Prof. Oliver

"Yours of Oct. 30." is
before me. It is possible that
I have not acknowledged an
earlier note of yours, but I trust
I have. You ask now I am
"off for M. Helena plates." I have
none at all, i.e. nothing of its
indigenous flora. So I shall be
glad enough to get the official du-
plicates of Burckell's coll.

"I have to send them, and the
Sandwich Id. parcel." They
could reach me promptly if sent
to Tribune St. 60 Peter Street New
York as Dr. Parker, - among the
rest of his amazing partiality and
kindness to me, has given directions
to have a set of duplicate Pine cones
selected for me from any spare ma-
terials of the Museum. I suppose all
together would soon warrant the
sending of a small case by the R.
M. Steamer.

Thanks for the 3 pamphlets just
received from you. The notes on
Bixinea (Pyramidocephalus, L.) are

very interesting. I have all along
thought Muhlbaum could not sustain
his distinction between Samydera
& Pixiacea, and adhered to his
view. He was lead to take that
view, I suppose by the strong desire
to keep up marked distinction between
Myrmecines & Psephenus orders, - which
would be very convenient if it could
be done. But it will break down every
way. Your discovery of Pyrenista =
carpinis will master the inevitable result,
and restore Samydera to Pixiacea in
the Gen. Pl.

About the Japan things, I am
having the set of Othman's all put
in order, & bringing together with them
what I have lately received from
Leyden Museum. And as I put them
away into books I shall have
a body of notes to send you.

Between Miguel & Maximowicz,
there is likely to be publication enough
on Japan botany for the present.

As to the Sandwich Isd
plants, I mean promptly to send
you notes of the collation of them with
my materials, and to collate Muhlbaum's
things at the same time, - securing
for you a suite of all of Muhlbaum's that
you can need, whenever he has reflected.
Thus far I have seen only his Corymb

montre, - not so many nor
so good specimens as I expected.

I encourage & shall help H.
Muhlbaum to draw up, with a list
of his own plants, a full one
of all known Hawaiian plants,
- partly to anticipate Seemann,
who is, I see, disposed to meddle
with that flora. My Hes-
peromannia (Mutisia) I will
print immediately, along with
some new Californian Compositae,
(You are quite right to pub-
lish your Begoniad, and I
supposed you would, of course, call
it Stillebrandia, it well de-
serves it. There is no reason
you should hesitate to bring out
anything you wish, on H. Muhlbaum's
account. I hope he will do
something; but he is young,
untried, and without claims wh.
should stand in your way at all.
We would be ever pleased that you should
not publish what you like of Sandwich Isd.
botany, without debasing to him.

Harvard University Library
Cambridge. Dec. 5. 1865.

My Dear Dr. Oliver

The case announced in
your note of 16 Nov. - that week's
steamer going to New York - is
not yet here, but may be
daily expected, as the steamer
to Boston is due in the course
of this week.

I will make an early re-
port on the Sandwich Is.
things.

Dr. Green, a young Surgeon
who is to pass a part of the winter
in London, offers me an oppor-
tunity of sending by his hands
sending the things for New.
Among them a roll of prints,
& drawings of African Monuments
which a letter from Dr. Savage
within partly explains.

The drawings & descriptions
were made many years ago.

and were put into the hands of
the late Dr. Tully in Connecti-
cut to be published. They lay
till he died and the specimens
were eaten up by worms. Lately,
Dr. Savage, returning from
Africa, sent the roll to me,
to be published. - which I
declined to do, and told his
friend that these things were
good for nothing in this state,
but would be materials for
you, in your Monograph. I
advised their being consigned to
you, and said that when
you published you would
render the amplest acknowledg-
ments, - which would evidently
gratify Dr. Savage very
much.

Receiving permission, I sent
the roll accordingly, and
you will see if it is of any
use. I trust it may be -
though it is manifestly out
of the importance which
the worthy man supposed.

I impose upon Dr. Green
also the charge of a box of ~~And~~
Black Walnuts (Iuglans nigra)
which Dr. Barker wants to give.

Also a little parcel of speci-
mens for Mr. Kew, which have
accumulated since my last
envoy - not many. But
one of the *Compositae* - which I
have come upon & described to-
day, will interest you; viz.
my *Railandia acaulis*, a
Californian *Compositae* of a
Sandwich Id. type. - a re-
payment to the Continent for
having given to these islands such
Madrid *Compositae* as *Argyrox-
iphium* & *Milkenia*.

Dr. Green is familiar with
Kew, where he has experienced
the kindness of the lamented
Sir William. - But he has
not seen the establishment for
years. Without consuming any
of your valuable time, I pray
put him in the way of a pleasant
glance at the gardens & museums
- and oblige both him and I. I am
very truly
Ansley

Dec. 11, 1855.

Dear Prof. Oliver,

Among the specimens sent last week by Dr. Green was a little alpine Composite of California named "*Raillardia* (S. *Raillardella*) *acaulis*"

For that ticket, please to substitute the one here enclosed.

"*R. argentea*", I have a second Californian species, for you. But the being stemless, I have changed the name, which is not yet printed.

A Gray

Jan. 1, 1866

Dear Father.

In closed air notes on some
of the smaller, but, plants, Japan
I will have now and on Japan
It. The little but some only
Many thanks, I will have
Many specimens of little plants
as all in Japan only, I will have
as sent. It says it is very strong.

and will try, then, friends, then to
have good collection.

There you have little plants
and little like large - small

Day later, I have less, it is not
then, now.

Accident may be a mile for
happy New Year. I will have
the same.

Cambridge, Mass. Jan'y 22^d. 1846
My Dear Prof Oliver

Yours of Jan'y 1. is just
here. Many thanks for your
good wishes for the number - due
to you. I will at once
forward your letter to Dr. Savage.

I do not now recognize the
Sketch of a Hawaiian Pl. ; but I
perhaps may soon.
H. Mann got a Lauracea (an
Oreodaphne?) the only one I ever
saw from those Islands. Also a
one, near Schiedia, with large
water 3-ribbed leaves. I will send
these soon.

Pray do not leave the letter
at Ken of maintaining a Journal,
But a revival of Jones Plan-
tarium, with letter-press not re-
stricted, would do very well. ever, A. Gray

Dr. Oliver

Harvard University, Cambridge
April 2, 1886.

Dear Prof. Oliver.

I have a difficulty
about a Northern U. S. & British
Am. *Onoclea* (the *Territis stricta*
of my Manual), about which I
crave your kind aid. The plant
I name so has the flowers
erect and the young fronds some-
times quite strictly erect, but at
length they are commonly patent
or exserted or ascending pedicels;
and branching as in *T. patula*,
with which it has been confounded
at Keiv, in District. Bourgeau's Palisser
coll. i. e.

"*Territis patula* Hook. Rocky mts. coll. E.
Bourgeau, 1858" with erect fronds.
Ditto, "Lake Minnipeg Valley, 1857"
Ditto "Minnipeg Valley 1859"
all = *Territis stricta*, of my Manual,
and of my *Quercus* M. t. 55 (opt.)

I do not see any reason why I should not
take of the *Rocky Mts.* of *Onoclea* & *stricta* in
N. Am. as I have done *stricta* with *Onoclea*,
the *Onoclea* ~~stricta~~ to describe a 'new thing',
it often occurs with *Onoclea* *stricta* *patula*
etc. & has variable small leaves of *T. patula* fr.
("The *Onoclea* *stricta* *patula* 18 and 1858") except that
the petals of the flower are in petals that with which the
latter is true with *patula*—

My idea of *Turritis patula*, Griseb.,
is Hensley's, N. Mex., 27.

Hall & Wankm. 36,

Parrish — 94, } which

agree with the plant in the Botanical
Garden's — say Leipzig, 10 years ago —

"*Turritis patula*, Saskatchewan, coll.
E. Bourneau, 1858" is not quite in
condition to tell, but I suppose it
may be what I so call.

(*T. patula* differs from *T. retrofracta* in
greater smoothness, and in glabrous pedicels;
but they run together. Perhaps my
T. stricta runs into *patula* also,
as you would seem to think at them.

Now my enquiry is, What is the
original *T. stricta* Graham?

Graham preserved no specimen in his herb.
We must rely upon the plant of Hook. & G.
Bourneau, of Drummond, Rocky Mts., Has
Mr. Hook. any specimen of Graham's
cultivated plant, originally described.

What is Hooker's plant? Can you
give a fruit, or a sketch, with the
nat. size? Is it like that
of Bourneau, Rocky Mts., 1858. "*T. patula*"
with erect ped. $2\frac{1}{2}$ - 3 inches long.

Compare also no. 35, Hall & Wankm.
"*Stephanandrus angustifolius* Nutt.," which
I had taken for a short-fruited form of
my *Turritis stricta*. But it must be
different, with its short & broader ped., &c.
Can this be Graham's *T. stricta*? But
the flowers are reddish, and the ped. too
short.

The only thing I have from
Kearl named "*T. stricta*" is one of
Oregon Boundary Commission, *Turritis*
w. 2, *Turritis stricta* Griseb.? Rocky
Mts., at 7000 ft. alt. Dr. Lyall, 1861.
That too has reddish or pink flowers,
and might be a very dwarf alpine form
of Hall & Wankm. 35. No fruit.

If now you can throw any
light on *T. stricta*; please do, without
taking too much of your valuable time.

I had proposed, in the reduction
of *Turritis* to *Arabis* to call *T. stricta*,
Arabis Drummondii. But is my
plant of the Manual really the
plant of Drummond? That is the
question. Ever des. Prof. Oliver
(Yours most cordially) A. Gray

Cambridge, Mass. 10 May, 1866
My Dear Oliver

Dr. Harker's letter a week
later than yours of the 17th apprises
me of the sad loss⁺ you have sus-
tained. May I send the expression
of my sympathy. I have no children;
and so, I suppose, can only imperfectly,
but I do most heartily sympathize
with you. ⁺ I have not been married. Sister
Theodore, who died in 1840, was my only sister.

You were most kind to trouble
yourself about my wants in the
matter of *Turritis stricta*, Graham;
and I thank you much. I began
to fear that my notion about it
might be wrong; but you have
made it clear I was right, at
least as to *Linnæus's* plant.

As to the Schiedea-like thing,
I have, of course, nothing of it ~~any~~,
what you sent me from Tillamook.

Yours

Wm. Oliver

collections: but what you mention
is clearly what Mann collected
in flower (a specimen will soon be
on the way to you), and which he,
at my instigation, has made a
new gen. of, Alsini dendron,
I would have sent you char.
of this, and of some good n. sp.
of Schiedea before now in press.
But Mann's little revision of the
group, - also of the S. J. Rutaceae
with a new gen. - is daily expected to
be in type, and I will send you
proof-sheets. But I shall be
glad if, without waiting for that,
you would send me the characters
of fruit & seed of this, to complete
our gen. char.

I have not yet examined Schlehardtia
- waiting for your char. I must
see that some female fls. of it
are enclosed that you may ascer-
tain how early they open.

I should be glad to purchase a
set, if not too large, of the Formosan
plants you are having distributed,
of late Mr. Adham. And yours,
Palmer

Harvard University, Cambridge
Mass. Sept. 10, 1866

My Dear Oliver

As I have acknowledged to
Dr. Hooker; the case of Botani-
cal Specimens - Mann's African
etc. - and the Hawaiian plants
of Olowahu lately came to
hand

W. Mann is getting
ready to print his Enum.
Pl. Hawaiian Isl. and now
asks me what is the sp.
name of your Stillebrandia.

I think you have never given
it to me, and I have not
yet seen any published char-
acter of it. In your next
please mention the name.

Very cordially Yours

Asa Gray

Prof. Oliver

and may be got. I
should feel quite
happy if I could
aid you in the mat-
ter. I shall

enquire.

Yours
52

926
529
001

A Gray

Cambridge, Mass.

Oct. 29, 1866.

Dear Prof. Oliver.

Our Mineralogical Prof.
Brooke, tells me that there
is no one in Boston to
apply to for the Coppe-
res; that Hermann
of New York (whose address
he is to give me) might
just possibly supply speci-
mens worth while, to one
who knew the things &
could pick them out, but
that most of the specimens

from L. Superior which
get into the market at
all, go to England direct,
That much your best
chance is to apply to
W. H. Wright, Great
Russell St - near
Brit. Mus.

My only way of ser-
ving you will be to
speak - as I will, to any
Boston man who is
interested in L. Superior
Copper Mines, - to enquire
if many specimens reach
Boston through private hands,

It is a very pretty morning,
and the sun too bright for
legible writing.

Ever Yours sincerely
A. Gray,
Dear Prof.

Yours of 14th just received
I will ask after Malville when
I go next to Garden of
Plants. When I have nearly
done, but meanwhile,
if you bid it, let me know
- tho. I shall get it of
Cottin when he returns to

Paris. But kindly give me
some indication of the amount,
whether 100 or 1000 francs, etc.
I shall attend to it with pleasure -
Wm. of leisure.

Many thanks for attending to
the package of Lupinus - and
for all your kind helpings.

A.G.

Hôtel de l'Athénée, Paris

Nov. 20, 1868

Dear Prof. Rivers.

I have looked up the
Bomarea of Petit-Thouars -
the original specimens of
Thouars and of another collector.

It is a genuine Bomarea-
velacea. Calyx of 5 separate
unequal, very imbricated
sepals, covered with the fel-
vous down so common in the
order. Corolla filiform-lanceolate
outside astivation non plicata,
therefore like Cressa.

In all the specimens the
inflorescence is ^{as if} ~~great~~ termi-
nal. No fruit seen. I
have not soaked nor exam-
ined the growing organs.

Not necessary - as I made
lay out a good specimen
for Kew, which he prom-
ises to send over by Triana

There is another species -
(as I doubt not, Mr. Bonpland
did not seem to appreciate the
difference), from Madag.
Norse-berg near Madagascar
cult. Richard, - also laid out
for Kew. It may be known
by the more oblong leaves
rounded or subcordate at base,
and venation looser and not so
nervose, and the inflorescence
plainly axillary, tho. quasi-
terminal. If that there
is fruit, or capsule, not
in good state. I saw no
seed - - apparently the ordinary

condurulaceous prod.

Please show this to Mr.
Benthams - to whom I
would say that I have
received the expected fragment
from Bonpland - but
DeCussis - with whom I
passed an hour yesterday,
said nothing of it.

Tell Dr. Storker that I
have nothing yet from
him; there was some com-
mission for me to execute.

As some of us, if not
all, will be here until
Wednesday, would you
say to Dr. Storker that
letters ^{posted} to Monday
evening would be sure
reach me here.

Paris, 24th, Nov. 68

My Dear Prof. Oliver,

It is well I got this morning your letter of yesterday. For we are at Jardin des Plantes, could give me Mathie's address, never had ever heard of him. Cosson has been out of town, and came in & to me only this morning. We leave to-day for Marseille.

So Cosson has kindly taken from me the 42 francs & will pay Mathie, & send to you his receipt.

Tell Benthame that Decaisne has paid me also 38 francs, - so I owe him 76 francs, - and will tell I see him.

I am so sorry you sent over here that copy of ^{my} Manual

in sheets, I had ordered it
for Dr. Harker, that he
might have a copy with the
latest corrections - of which there
are several. But it is not
worth while to send it back to
England now.

Ever very truly Yours

A. Gray

I enclose a line to
Dr. Harker.

BOTANIC GARDEN,

CAMBRIDGE, MASS.

Oct, 14, 1870

Dear Professor Oliver.

With this you will receive a parcel of plants for the Herbarium which was (most of it) to have come to you by Dr. Parry last summer.

I owe the present opportunity of sending it to the kindness of my young friend Master Bullard, who will take it to London and send or bring it down to you. In anticipation of the time when he will be one of my pupils at the University,

my young friend has
given himself very much
to Botany, and will take a
most intelligent interest
in the Herbarium as well
as the Gardens at Kew.

I wish, by introducing
him to you, to secure
for him the opportunity
of taking a look at the
Herbarium, along with his
tutor Mr. Myers. In the
Museum in the Gardens they
can find their way without
introduction.

I know you will cheerfully
render this kind little service,
and gratify Yours most truly

Asa Gray

10. Jan'y, 1871.

My Dear Oliver.

I wish to tell you
I Bentham (I see you
put up the parcel) - that
the new vol. of Fl.
Austral, I was asking
about has come to hand.
Thanks.

Not in ~~the~~ ^{the} ~~HK.~~ ^{HK.} ~~in~~ ⁱⁿ ~~HK.~~

Hebeoma piperita

I suppose is not authentic
at HK. Kew. But I
may ask if you have
any thing from Mexico
answering to it. - and if
Wright's N. Mex. 1517 &
especially 1521 will not
answer to it.

It is time for the ship Pontiac, but I hear nothing yet!

with 2.5-piperite

affinity of Mex. 1889 Series
under Series - with

weight 1517 < (521) on same

with copying program work should
myself etc appear on any portion of
it.

With your success, decided,
in your enterprise,

I am truly
Yrs &c

Thos. L. Savage

No. 23 Bible House
New York. N. S. American
8th March 1871

Prof. Daniel Oliver
New, England.
Dear Sir,

At the advice of Prof.
Asa Gray of Cambridge University
Massachusetts, I sent an article
on the Annals of West Africa, with
illustrations, to you, for use in your
contemplated work on the Flora
of Tropical Africa. It was sent several
years ago through Dr Gray. Will you
permit me to ask what disposition,
if any, has been made of it. It
is the result of my own observations

The sketches were carefully and
very accurately made by Mrs. Savage,
my wife. I was a missionary for
ten years at Cape Palmas and
devoted considerable time to the cultivation
of the Natural Hist. of that region.
On my return W. H. U. S. I deposited
the article and illustrations alluded to
above, with dried specimens of the
several species of plant and fruit
with my friend Prof. Wm. Tully,
then of Yale College, to be arranged
for publication, but, unfortunately
he moved into Massachusetts and
from some unknown cause, the
matter was neglected, the natural
specimens were decomposed by insects,
and, it was not till after his death
(ten years from the time he received them)
I recovered the manuscript and drawings.
But for this neglect, the monograph
would have been duly published

in this country. On my recovery of
the manuscript, my friend Prof.
Gray, advised my sending it to you
for use in your forthcoming work.
You will observe that the true
species of *Malagettia* I have noted
in my account. I believe it was
^{never} determined before.

Should you not use my manuscript
I will thank you to return it to my
address as above, 23 North Street
New York. I intend to collect my
discoveries into a volume, and, if
you should not use the article on
the Ammonites, shall be glad to let
it with the figures. But, if you desire
to retain it for publication, do so.

I have several articles that have never
been published. I have more information
on the subject of the Anthropoid monkeys
of which the gorilla I discovered and described.
Also, the Ornitho etc, I will content myself

Cambridge, Mass. April 8, 1877.
Dear Prof. Oliver,

Your kind note of
9:11. Came in (Harkins
letter of 18th ult. - which
announced to me his un-
expected rush to Morocco,
much good may it do
him. He does not
say how long he may
be away.

Among the rejected
Hb. Birds & Fish; I always
find a considerable portion
which I send in my letters.
Then Torrey has a chance
of them, - and the rest go to
some Amer. Naturalist in the
Country who is glad enough
to have them. So I do
not in the least grudge the
freights, and thank you
besides.

"*Lilia Fremontii* Gray,
and," I concluded at last
must be a form of *L. can-*
gesta, which seems a variable
species.

I doubt if I can tell
what the *Lilia* "near
Monterey, Edwards" from Torrey
may be - now that I have
returned Torrey's specimens. It
is very likely I have not the
specimen.

I am sorry for my slip
about the *Nanna Lemmonia*,
not crediting Blake for
the observation.

I am much distracted
at this season - all the
more because of having
lecture-room, laboratory &
plant-store ~~store~~ store ^{to}
build. Ever, Geo. Gray

Prof. Oliver

Dear Prof. Oliver

Recieve a mosty line. Oct. 15, 71

1. to thank you in
Wright's name for your
report on the little San
Domingo puzzle - tho'
you leave it a puzzle
still. Keep the scrap

I send by the Darwinian
journal, a small parcel
for Herbert - chiefly San
Domingo plants. There
are 40 to 50 of these - which
are puzzles or dubious, or
"n. sp." of Wright - in
whose determinations I have
small confidence. But
unless I can tell him what
a thing is, I can rarely stop

him from printing. Could
you, as you lay out there
for the Herb. just report
on them as far as you
can, without too much
trouble. I have never
looked at one of them —
no time.

The collection as a whole
is meagre & poor. But
there are some things
worth your having, &
I am going to take his
collection & pay him for
it, and will send on
any duplicates which you
are likely to care for.
The greater part are the
common tropical nettles.

Thanks for African Ferns
vol. 2, which I shall be
glad to see.

I never saw fruit
or living plant of
Dioporus Lites, & do
not know how *D. King*,
diffus. Fruit of it
— in spirit and out,
is on the way to you,
according to your desire.

Believe me to be
Ever Yours sincerely

A. Gray

Cambridge. 18 Jan^y. 1872
Dear Prof. Oliver.

By this time you have
my letter apprizing you
of safe arrival of Valuable
Cases of Hb. Benth. & Hook
Plants pr. 'Iris.'

The trouble was that the
advices were sent only by the
vessel herself, and she was
very long a coming.

Thanks - have I sent them
already? for your report on
some San Diego for Wright plants.
Thanks now for what you have
done ~~etc~~ with Mr. Cooke about
Wright's Cuban Lungs, so
long on hand - which is very
satisfactory. I settle with
Wright accordingly.

I doubt if I advised
Thwaites about the parcel of
(mostly) Colorado plants, I can
throw no light on the fate of
the parcel, except that, if
addressed to Thwaites it may
have been sent from Washington
Direct to India via Bombay.

Professor Oliver

If the plants reached
you minus address to
The waiters, the plants would
be known by having for
the most part a printed
ticket. "Golden City, Colo-
rado, Edward L. Greene"

The part of I canes Pl.
by post is at hand. —
All right. Benthams will
keep account with me for
the same, and I will settle
with ^{our} Herbarium therefor.

Sincerely Yours

Asa Gray.

BOTANIC GARDEN, CAMBRIDGE, MASS.

July 7

1873

My Dear Prof. Oliver.

I send this by my
young associate and relative,
Prof. Chas. Loring Jackson,
who - on his way to Ger-
many - may get an hour
or so for him - in which case
he will deliver this, and
I will ^{or Baker, to} see that he
turns his (precious) to best
account at the Gardens. -
Otherwise he will post the
note to you.

I am glad you have the
packages sent by Ross, &
find it nice. I hope that,
as you put them away, you
can help me somewhat in
the morning.

As to the Texas, I supposed Eaton
had sent you printed list of names.
If not he will, as I have asked him.

E. Hall's Texan coll., is not at
all worth your having, Had it
been so, I would have secured
it for you. Of the only new
thing in it, a Stalea. I
divided my specimen with
you.

— I want to know what
Grindelia humilis, (Walt,
Buckley) is.

I suppose I was wrong in
referring to. name a Mutt to
it. Is it like that?
So small heads? Or is
it like any other Grindelia
in your Herb. which I may
also have a specimen of?
Can you throw any light?

Ever Yours cordially

Wm. Gray

As to the new houses, I
hoped Dr. Hooker might
have the luck to keep
them off a while longer.
— unless they come, —
a very distressing
point. So it seems they
have — and since no
one has a better right
to make things, and to
the advantages they may
bring.

Sent by Boston. or
sent by Dr. Hooker the
things he is —
much obliged to you.
Ever yours cordially

Asa Gray

Refer to the project concerning trip
after Hooker's 2nd meeting.

My Dear Prof. Oliver.
HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

June 18 187

This morning I have
Sir Joseph's letters,
of the 4th & 6th —

It — as may be supposed —
he comes via N.Y. on
the 30th instead of to Boston
on the 28th. This may
make him. It is possible
it may, in any case —
I venture the following
messages.

We wanted to telegraph
that, in Mrs. Gray's
judgment (and she is
a very capable judge)
it would be the very best
thing for Mrs. Hooker
— I mean Lady Hooker —
to come. She could in
any case hear more than

Mrs. Gray - and she looks
upon the whole as for
the ladies - an easy &
delightful summer
trip. - no hardships
at all - & little wear-
iness. It is perfect
enjoyment, as now &
we get 2 or miles W,
of the Mississippi.

We are grievously dis-
appointed at her not
coming, & are looking
to her of a change
of mind.

Just - Before this time
I trust that Parker
is free from all
worry on our ac-
count about the
St. Michaels. All will

be pleased with their
company. He
is looking well. - only
we are grieved at
the loss of time - &
we ought to be in
the field.

If we learn that
they come here -
we shall await
their arrival, and
be ready to start after
one day here to ar-
range.

If they go to New
York, we will meet
them there, & start

directly. Niagara
will await their return
from the far west.

HERBARIUM OF HARVARD UNIVERSITY,

BOTANIC GARDEN, CAMBRIDGE, MASS.

November 30 1889.

My Dear Oliver

First for Botany — In
looking over accumulations here,
I have chanced upon a paper
of seeds (prints) marked —
"Monterey: nescio." But I
see what they are. They are
the prints of that plant of Dr.
Palmer's Mexican collection which
I detected to be a Choriza, &
the same as Benthams 1404,
and which was put aside to
figure for the Lecnes. Leaves
intermixed with the print shew it
to be the very thing. So I send
you a good quantity of the
print, to check out the specimen
in the herbarium.

Now for other matters. You
know, probably, that we needed

home on the 1st in fairly
good case, after a pretty good
voyage. Later - only a week
ago - came our cases by a
steamer from London direct.
We have unpacked, and every
thing is safe. We have
only now got the house and
my appliances and gatherings
to rights, and I can now -
upon the first day of winter
set down to my proper work.

In unpacking the large
case we came upon the
two beautiful and interesting
+ Locked drawings you so
kindly put in - a most
acceptable present. They are
to be hung in the room which
Mrs. Gray sits in mostly - "the

library", as we call it, adja-
cent to my study. They will be
constantly before us, a pleasant
reminder both of the interesting
places we visited, and of
a certain house on Kew Green
and its kind inmates.

I do wish you could better come
over, and enjoy our bright
skies. I had forgotten what
"a pleasant thing it is for
the eyes to behold the sun"
day after day. And the fresh
dry air acts like wine.

Mrs. Gray will have a
line to add for Mrs.
Oliver - to whom I would
be affectionately remembered.

Sincerely yours

+ Two sketches - he dealt by
my father of HOCHES, he
sketches in pencil
Ford.

Asa Gray

Cambridge Mass. Feb. 20, 82

My Dear Oliver

You were very good to send me this precious specimen of *Aster pygmaeus* Lindl., and

I was very bad and blame-worthy for not finding out that I had it already.

I hope that you will be able to get this comfortably back again into the place from which you cut it out to oblige me. And I will be careful not to call again without real need clearly ascertained.

Accept & give to Mrs. Oliver our best regards; we are very well, & do, how long?
Sincerely &c. Asabnon

July, 17 1887

Dear Prof. Oliver

As we are at home
 & Miss Gatty, & I know
 Mrs. Ewing. we need
 no urging to fall into
 your plan.

You can use my
 wife's name if you
 need.

I am keeping back
 the Eschscholzia &
Her. Kew. in daily
 & weekly expectation
 of Moral from Pringle to
 go therewith. Always
 Yours
 A. Gray

have set apart the
15th to --- of September
for it. My good wife is
to write to you about it,
when she has finished her
needful afternoon nap, &
before we start on our after-
noon journey. But I shall
allow her to prolong
her nap, & tell her when
she wakes that I have done
the needful thing for her,
and that she has only
to add her own to my
affectionate regards to Mr.
Oliver and yourself, and say
how glad she will be
to see you all at Ken,
after our trials of travel &
sight-seeing, & country-visit-
ing as ever.

Always, sincerely Yours

Asa Gray

Stephen's Hotel
120 Cromwell Road
St. Kensington
Aug. 20, 1887

My Dear Oliver.

About this time I
suppose you are returned
from your vacation tour,
and possibly you may be
wondering what has be-
come of your American
friends!

Well, a few days
ago, we left Sir J. &
Lady Woker, Grace & I,
at the Anchorage, and
came back to London -
a short but eminently
enjoyable trip. We have
seen every church in
London you could care

for, except that of
Lisieux, which I
suppose is not much,
and also Charles &
Amiens, which we
saw with some
retaining, and we are
glad to have had it
with first and last.
For - as we say in
America, it is "head to
head".

We are now going into
the country for Sunday,
to return here on Monday
and this is our address for
nearly a week.

One of the days of next
week I may run down

to Kew, - if you are
at home. But I
doubt if Mrs. Gray
will be able, she has
so much to do -
And, probably I cannot
do it myself
before Saturday week,
as we have in the
mean time to go to
Mrs. Gray's niece
at Turbridge Mills,
& to make a pilgrim-
age to Canterbury.
Then we must go to
Mandeston.

We have never been
unmindful of your kind
invitation, and in the
careful porcelling out
of our fast-passing days,

again. - Prof. Lundy went
yesterday - in excellent spirits
and many hopes of better climate
to stop his coughing - he had taken
a little cold here - and I expect
to meet him again in S. of France
I write at the top of a hour, in
a tourist's quarters, - saving a
half hour of time - with poor
accommodations for the purpose,
and can hardly expect to be legible
except to those who have the
knack of deciphering my writing.

Believe me, ever - with Mrs.
Gray's love to Mrs. P. and yours-
self, and my best regards -

Yours truly

A. Gray

A. Gray.

Paris, 24 November 1868
My Dear Dr. Peabody

I have barely time before we
leave Paris this evening en route
for Egypt, to write a brief line to
you, under many distractions.
I write to you as acting and
I hope before long, permanent
President of our University, and
upon a somewhat delicate matter,
growing out of the alarming illness
of my assistant and locum tenens
Mr. Horace Mann. When I
left home I was assured by
his Aunt that his cough was
pronounced to be not at all serious.
Shortly after reaching England he
gave me, in a letter, a very sad
account of himself, which has been
confirmed by others, and which causes
me great anxiety. He has duly
informed me of the arrangements made
for the instruction of the Class up to
about this time, - when there is no
more to be done until March.
The principal work in the depart-
ment is from March, or April to
July, - and I should hardly suppose

that Mr. Brigham would be competent to do that work, - yet he may be so. I now greatly fear that Mann will have to give up the hope of doing it himself. And I am concerned to know what can be done.

I had made what was thought a very ample pecuniary provision for the instruction, the care of the Garden & of the Herbarium, including much work to be done in the latter, - viz. \$1200 per year.

Perhaps, for a seasonable sum either Prof. Brewer (who has to need to study in the Herbarium yet for many months upon his Californian Botany), or Prof. Eaton, M.D. of Yale College, might help us out. Or, the Natural History work for this year might all take the Zoological side, under Dr. Myer, - for an additional payment to be made by me. Whatever arrangement of this sort be made, and you will know best, - there remains a superintendence of the Garden and the charge of the Herbarium, in which, if Mr. Mann must drop

it, could be best done - indeed be best done in any case while I am away by Mr. Charles Wright, now living at the Garden and at work in the Herbarium. He was going to Cuba, to finish certain botanical explorations there, but I think will not have gone when this reaches you, and I imagine would be disposed to stay and help me in this emergency, if assured of some pay, enough to live upon comfortably. I have written to him that I shall be most glad if I can secure his service, that I will pay all his wants, and this is to beg you to confer with him, and to see - with full carte blanche from me, as to meeting the mutual expenses, - that the interests of the Department of the Garden, &c. - do not suffer while I must be away. You will be pleased to know that, so far Mrs. Gray has been benefited, and that I hope the climate of Egypt & Italy will set her up

Prof. W. G. Reichenbach W
11, Carolinenstrasse,
Botanische Garden
Hamburg

A.G.



HERBARIUM OF HARVARD UNIVERSITY,
BOTANIC GARDEN, CAMBRIDGE, MASS.

April 21

1878

My Dear Reichardt

You ask for news
of us - in your line of
30th March (the request
in which, as to Cyprinidion)
we answered by post).

Now then I introduce
my friends and neighbors,
Mr. Mrs. & Miss James, of
Cambridge, who will tell
you every thing, - and you
will be kindly attentive
to them in Hamburg - I
know - for their own sakes

when you know them,
and for the sake of
your old friend
and correspondent.

Asa Gray



Mr. Henry L. Robinson
P O Box 1066
Bloomington Ill



BOTANIC GARDEN, CAMBRIDGE, MASS.

28 Aug. 1887

Dear Sir

It is clearly L
Scarida — was named
before at a much
place — as we are
likely or apt to do
in our naming.

The number of the
flowers in a head is
not fixed — is apt to
vary, and what you
now send is about 12 —
thousand — Truly Yours

A Gray

I hope to write you again - at
least to reply promptly to any
letters of yours.

Our best regards to Mrs.
S. & best wishes for you all
Ever Yours cordially

Ada Gray

Bella had this one at
last year. That is all.

She may have
some seeds of it.

I am not sure of either
year. But I don't in-
tend to.

A.B.

Herbarium, Kew, June 14, 1881.
(Tuesday morning)

My dear Sargent

It was good (arriving here on
Saturday evening, 11th) to get your pleasant
letter of May 7, which awaited me here,
and to hear all are well & prosperous, except
Engelmann and his rheumatism.

This morning - as my first work (for
yesterday was devoted to London affairs)
I take up your little parcel & the
question of Abutilon Texana, Buckley

You would do as well to consider it
a distinct species under Buckley's name
(unless I can soon give you more light
upon it, when I can see the original of
A. laurifolia, L. f.). Perhaps I should
have done so if I could have settled
about this old name & the plant of Lindley,
Bot. Beg. XXV. t. 67, and have got any
satisfaction about the limits of the species
when admitted.

I can only say now - after 2 hours
time given to the matter - that when you
have cut loose from A. Menziesii of the
N.W. we shall have equal trouble with
the Mexican forms. Also as to the
"pubescent way" that these troublesome
Mexican ~~neighbors~~ neighbors seem to vary in
this respect: and that the old-world A. podochne
[which Hooker says in cultivation he can't find
characters to tell well from Menziesii, has a very
better glabrous & pubescent, as Hooker has noted in herb.

Well, the materials here on
the Texan-Mexican shrub or tree are
Seemann's 2120, Sierra Madre Mexico.

C. Wright's 1433. Clearly same & same
as Buckley's, tho. in fruit only.

Bourgeois's 573, Valley of Mexico, St. Fe.
Also just the same & in fruit only.

This is ticketed from Paris "A. Halapensis".
H.B.K. So there is a note of originals at
Paris Herb. I judge correctly - not with-
standing the serrulate leaves. For you
know how little the Pacif. A. Am. & the Texan
plant varies in this regard.

(For & Engelm. is the Pita Mts. & - Not sent,
is of course same thing, with the narrow
leaves)

I cannot hesitate to put with it a
specimen ~~plant~~ hardly in flower, "1422 Fred. Müller
(from Meisner), Vera Cruz to Orizaba!" - therefore
near H.B.K. locality. Its leaves are all but
entire, and some of the down remains on
the underside of the otherwise glabrous leaves.

Then come a variety of specimens of
"A. Halapensis" in flower, with "ferruginous pub-
escence" on the underside of leaves - all,
I suspect same species. I suspect, too,
that "A. Müller. H.B.K." is same.

[Then, tho. at 90. Pl. Hartweg, named
"A. densiflora ^{Engelm.} H.B.K." by Kunth, "A. glau-
dulosa, Pl. Hartweg Mart. & Gal." & I
maxim not Kunth's densiflora. He

neither mentions nor figures setose
pubescence.] So much for this
business; it is all I can do.

Perhaps you have found out by
this time (what Oliver, it seems could not
tell you) that the "Annona" ^(No. 3) 23. Cactus,
is Brescentia Cucurbitina! Garber
got it.

No. 1, "Darling Plum" = Reynosa,
Grisst. See herb. & see
Eggers little paper on the
genus.

No. 2, looks like a Rhamnus
I will not waste time on it, as it tells
nothing.

At Brussels I learned a
good arrangement for labels of
trees to indicate the geography.
For long to describe now, have
got ~~an~~ ^{an} ~~examined~~ ^{examined} specimen
to bring or send to you & Gortale.
I gave your letter to Hooker, who
read it with pleasure.

THE UNIVERSITY OF THE STATE OF NEW YORK
STATE MUSEUM
HOMER O. HOUSE, STATE BOTANIST

*Office of State Botanist
State Museum, Albany, N. Y.*

August 31, 1923

Dr. B. L. Robinson,
Gray Herbarium, Harvard Univ.,
Cambridge, Mass.

Dear Doctor Robinson:

It is a mystery to me how the enclosed letter from Asa Gray to Sargent, June 14, 1881, came to be in our files. It is possible Sargent ~~dropped~~ left it among some specimens sent to Peck. To me it would be interesting to keep for the autograph but when I was in Cambridge some years ago you showed me bound copies of the correspondence of Gray and others, and I think that is where the letter belongs. It is also of some importance in connection with the species mentioned in the letter.

If it is valuable to include in your vols. of correspondence, I am glad to send it on. If it has no such value dispose of it as you see fit.

Sincerely yours,

H. O. House

The University of the State of New York

State Museum
STATE BOTANIST
Education Building
Albany, N. Y.



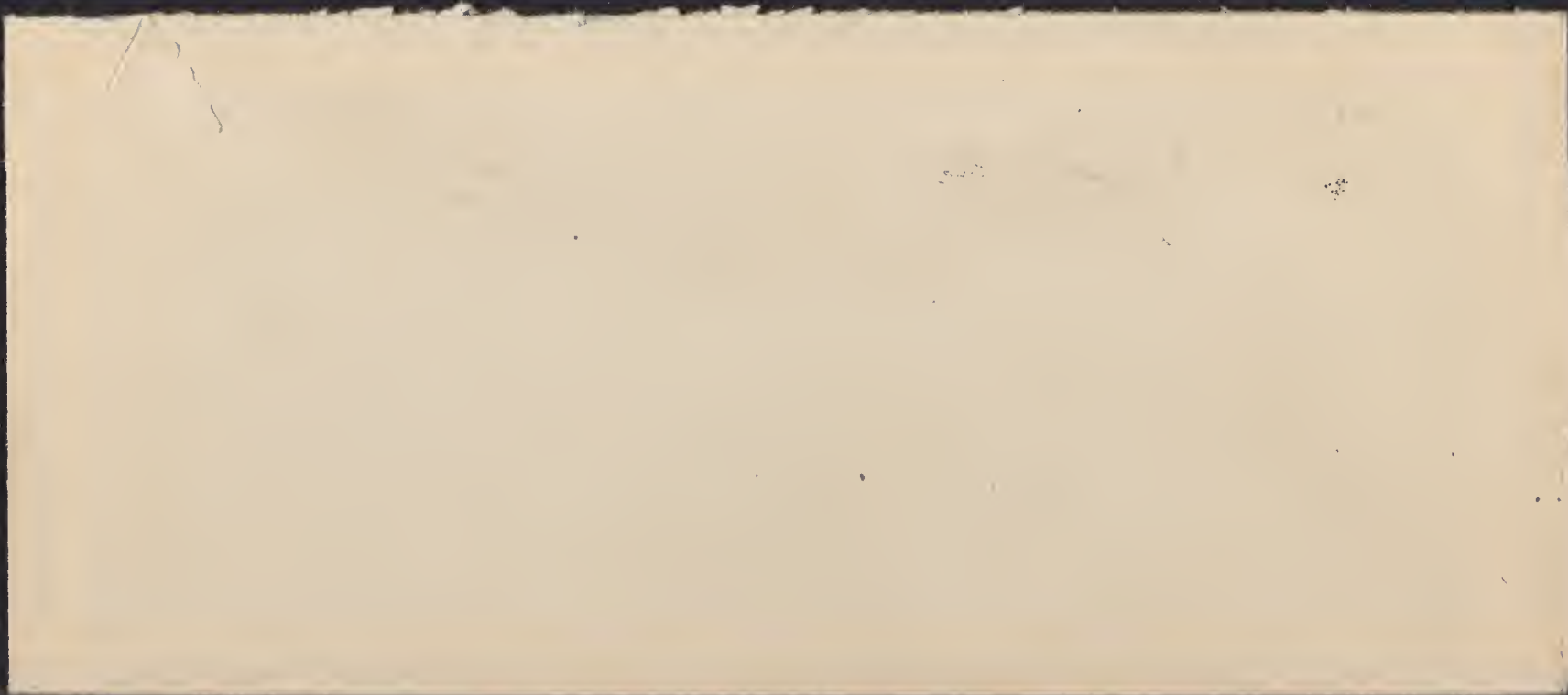
Dr. B. L. Robinson,

Gray Herbarium, Harvard Univ.,

Cambridge,

Mass.

*Acknowledged
with thanks -
Sept. 4, 1923.*



Dear Watson.

I can't agree that Asclepias =
Dra comes very near Podostigma;

Connivent-erect corolla, long column,
char. of buds open at top, form of an-
ther-wings &c - all different.

"Drooping corolla" of the former, is
only obliquely alluded to in line 1. of
p. 86. I take the two mediate lobes
to be amplexate appendages of the
sinuses of the one corolla to which
the buds belong, - of which there
is something like in some sp. of
Asclepias, if I remember a right.
But, if they show as in the flowers
you sent, they should come into the
generic character, no doubt.

A.B.
I send with this a new, very
thin no. of Nov. Lin. Soc. - con-
taining Index,

Yours enclosing a letter from Mrs. Bingham
was received last night.

D. V. we will be at home within a month.

Ever truly
A. Gray

Thursday 7

Dear Mr. Watson

Your aid may be
invoked in the distribu-
tion of the Emancipation
book.

I have suggested to
put copies on sale
with Trimmer, London
& Neigel Leipzig,
and that the copies
Mr. Shaw presents donated,
(on a list I have given)
be sent to those two
places -

I have made no arrange-
ment about sale of some
American copies.

Trimmer will communicate
with you. It might be
done by him. and some

on sale here with only
Folsom & Jones bookseller.

I do not think much worth
to you. I suggest price
\$12, which is actual cost per copy.
perhaps give bookseller \$2, as com-
mon.

2

Of the Gamopetalae (which I
have not visited since into yet) there
is nothing important to note as ap-
pears Palmer's coll. - except this,

C. arvensis W. & A.
C — & macranthus

I thought Chris & had transformed the
proper spec. of Kunt. - I neglected
to refer here to the Prorr. - Sup-
pose it that

C. arvensis W. & A. has the glabrous
corolla and obtus or hardly acute
leaves.

C. macranthus, i.e. Spina
macrantha has corolla tomentose
outside, longer acute leaves, & is
the Sp. mucronoides. ROS

To-morrow is Sunday, I shall
not go to Jardin des Plantes on
Monday, but attend to business, & in
afternoon we go to Rome, & join
the Harker for a little tour in Sunday,
thence back here.

The last news we had was of 24th
ult. from Alice. Hoping you are
all well. I am sincerely yours

A. Gray

Washington, May 1, 1871 -
My Dear Watson

Nothing from you for a day
or two, ~~from~~ but you must not
write more. We are going to
Lorton on the way home, leaving
here Monday morning.

To keep you posted up -
In Transactions of the Highland
& Agricult. Soc. of Scotland,
Fourth Series, vol. VII (1871,
/80) is a paper by J. E.
Brown, On the Coniferous Trees
found in the Forests of California
- pp. 104-112. Merely an
enumeration, saying where he
found them growing, what kind
of soil, how large, how big
comes to - No really botanical
characters.

The species spoken of are

Pinus radiata (at Monterey)

macrocarpa 'Conditus Pine'

prodensa

Banksiana

Leppagei

Parryana, Sierra Nevada on
line of Pac. R. R.

insignis

Sabiniana

Lambertiana

Bulfordiana

tuberculata

micrata

micrata

Picea grandis

nobilis

trachata

amabilis

Mill Douglasii

Menziesii

Matsushima (Albermarle)

Ballouii

Cupressus Lambertiana

macrocarpa

Moniana

attenuata

McNabiana

Sequoia semp. & gigantea

Thuja Menziesii

gigantea

Evergreen

A. Gray

876
Blackford,

Ivy Bridge. Devonshire

Dear Watson,

Card & letter of 8th

received here. I shall

bring Villars, 3 specimens - a
duplicate being at Kew.

We will about the Styptis, H.
specimens being all over warm parts
of the world must be allowed much
variation, and cult. specimens
may not develop quite in normal
fashion. And as to names we
shall always do very well and
not be in each other's way.

I do hope, as Swales's fund
lets us, the Anti-Corruption
may be put on to it, and you
put nominally on to the University
Faculty. Then the Anti-Corruption
may allow us some subsidiary
help, and I, if my own means
will at all hold out, may hope
to do something to attach you to

the continuation of Flora,
and the carrying on ~~with~~
the books which alone bring
in any thing.

A pleasant holiday we
are having, with pleasant
friends here in Devonshire -
not for long. Ever Yours

Anthony

Madrid, Oct. 22, 1880

My dear Watson,

By the time this reaches you, I suppose you will be in Cambridge, & I long to know what you have done. Goddard will give you news of us, and Jackson perhaps mine. ^(Oxytropis revised)

A pleasant fortnight at Rome, almost a week in Paris, and then the journey down the Loire to Orléans & Tours, & on to Bourges and here, stopping only at Bourges. We have had almost a week here, & leave to-night for Toledo, then on to Cordova, Seville, Granada, &c. We have left behind all old weather, find Madrid even rather too warm than cold. We have enjoyed much.

The *Mecharium* here does not help us much; possibly long search among un-arranged things, might yield a little more but I have done what I could in the time. The types of Cavanilles *Scarus* & of his *Disco*, are mostly here, fairly well preserved & carefully ticketed. Very many things of Me - who went everywhere - and a good many of Moirans Herse (only one or two from California & one - a *Stellaria* - said to be from "Mutha" - but all unnamed or with unpublished or guessing names. Nothing has been done here, not an American plant named since Cavanilles or perhaps Lagoda - tho' I am not certain; I must name by them.

I send you a few notes, for preservation, in case my note book is lost. ~~Excess~~
I select only the most important.

Malva miniata, Cav. really comes from
Buenos Ayres. The wild specimen, clearly
seen in the pl. H. Mart. 1785, & put into it
by Cav. is "e cerro Pampas de Buenos Ayres",
was cult. from 1806, & 1825, & later
years. "Chile" see same. It is the
common & rather polymorphous Buenos-
Ayres & Chilean species.

Virgilia secundiflora, Cav. is exactly
the *Siphura secundiflora* species of
Texas.

Clematis integrifolia, Cav. = the Texas.
pretty large form, larger than the
common Texas. - like the figure. - Spec.
cult. & a wild one "Ampulco".

Gaura tripartita, Cav. = ours, ^{or} Texas
hab. Mex.

Gaura mutabilis, Cav. = a real
Gaura, by the fruit, like the plate.
The fruit is that of Gaura inside.
I have never seen it elsewhere.

Asclepias mexicana, Cav. = our
plant of Calif. &

A. virgata, Lag. ! Halladr. 1806
- 1817 = *A. linearis*, Nutt. - the one
I thought in Syn. Fl.

A. linearis, Cav. ! Yes, in fruit also!

"*Nicotiana axillaris*" ^{no. 1781} ^{no. 1781} the only one in the list, &
this, but, must be the original of
N. ipomoeifera DC. Nutt. & is the
one I have so called in Fl. &c.

Grindelia glutinosa, i.e. *Aster gluti-
nosus*, Cav. is from Arica, Peru.
Also H. Mart. 1792, "a Mexico" -
but I doubt Mexico = glutinosa.
The other *Grindelia* are here.

Gutierrezia
Solidago & *Colif. Mex.* } not found

This is all that need be
noted now.

Great variety shown
here to day; King, queen &
baby going to church in state,
by our windows,

Yours ever A. Gray

Till you or Goodale hear again
address Care Hottelinger & Cie,
Rue de Provence
Provence, Paris.

Speak of. I hope he will
write to you, & say peccavi.

It is more easy-going care-
lessness with him than any
thing else.

You can review him,
briefly in Am. Mus. Sci. if
you like. Having prod it out
with him here, I had better not.

But I gave him to understand
that we don't stand putting
down in just that way, "with a
cease."

I get on slowly with my
work - having to put all
their letters in order & do most
of the work anew. And the es-
tablishing of the original types is
a formidable matter.

Supposing you & Mrs. Wisell
are back, Mrs. Gray adds to
mine best wishes for the New Year.

Sincerely Yours Asa Gray

Kew, Jan. 6, 1881

My Dear Watson

I think a letter or two
from me is lying at Cam-
bridge, awaiting your return,
which at about 4 weeks had
not yet come about. But I
dare say this will find you
at your old haven after your
long and I hope successful
and enjoyable wandering.

I want to say to you, that
we are still lacking here the
2^d vol. of Bot. California; there
are sheets of most done to the
Monocotyl. Bentham wants
to see the Grasses, and other
ways the book is wanted.

If I had anticipated the ways
of Whitney I could have got
a set of proofs & brought over
with me in September.

I am fixed here still till about
1st March; and then I must set

back again as early as I
can

A few days ago Baker —
good & easy soul handed
me a copy of the rest of his
Liliaceae in Nov. Linn.
Soc. — of which an abstract
was printed in Gard. Chronicle
long ago.

I took Baker up for quietly
ignoring — or rather putting
down your identification of
Deanevea with Nolina. His
justification was that he had
done Nolina long ago putting
it in another tribe. & he wanted
not to go back on himself.
That he had cited your names
as far as they came in his way,
and that, as they had very
poor material of Nolina Grassi =
ana, he did not wish to let it
alone, and express no opinion
of his own on the question.

~~I insist~~
I insisted, with pertinacity
that by citing "Nolina, L.
Nots. ex parte" he had expressed
an opinion & indeed a judg-
ment, that he had put
down your determination with-
out assigning any reason at
all; that since your paper
was in his hands he had abun-
dant time to get from Cam-
bridge another anything need-
ful to verify your announced
conclusions. before his printing
was done.

Referring to the ~~herbarium~~
herbarium I should find that
the 2 specimens there were
(erroneously) one male and one female
or herm. — female. And with
great adv & plain talking
I made him see & acknowl-
edge that he could make out
no difference between the genera, to

are mentioned to you &c.

I should like to hear from
you as often & long as is
practicable, I have missed
you much. What did you
get new or interesting, outside
of trees? Have you a Report
still to work up? When can
we settle & shape things, &
get you at work on Idem?

I fear, at present rate
I shall die among the Com-
posite. And there is much a
lot of things to be done.

Mrs. Gray to you, and
our united kind regards to
Mrs. Bissell.

Always sincerely yours

I should say that Arachnoid
Greene's little orchid, 375, is a Liparis.
allied to L. L. exilis, but with leaf of Microrhiza, which
Chenopodium (4) Chenopodium - but will
compare.

Royal Gardens, Kew.
Feb. 13. 1881.

My dear Watson.

Welcome back to Cambridge!
I have yours of 22nd & 27th
January. The box has come,
and all the things have been
or will be attended to.

Hereafter send all botanical
enquiries not to my name but
to Hutchinson, R. B. Kew.
Saves trouble. Besides we
pull up stakes & wander
again before end of this month.
Write here, on thin paper -
(as is your wont) to Hooker's
Care. He & Lady H. go with
us.

I told Greene his Arachnoid
was A. linearis. but he thought
he knew best. I have lately
sent him flowers of the
Mexican plant, to satisfy
him.

This *Fraxinea Mtahensis* misled me in Spain. I could only tell him it looked to be a *Fraxinea* - which it does.

I have not seen into the structure.

As to his collections his quick-ness to print will be giving trouble; but then he is a sharp collector & most useful.

Will you look out and see if the periodicals &c. - are straight.

Look particularly to see what are our latest from Linnean Society, & Roy. Soc.

I fear, if you have not Barker's last, that a no. of *Proc. Linn. Socy*

is behind. Besides I understand Barker that he had sent you a copy of his last *Liliaceae* work. I will find & send the copy he gave me - at the time I ~~asked~~ basted him.

Dear old Bentham - working away steadily & efficiently at the *Grasses*. I hope he may last to do the *Liliaceae*.

I think, indeed, you may "fear no comparison with Barker's arrangement", nor his style of work, - certainly not with Bentham as judge. But what if we lose Bentham?

Our general things & plans

V. S.

Some time ago I sent by
post, 3 parts of Dr.

Braithwaite's Mon. Hues
of Britain - registered.

But I did not take
the receipt, I trust
it came all right.

It will be continued,

the head-winning things as well as
Jules. - The latter desirable for some
income to Ambrose after I am gone
or effete. He will comprehend about
these matters - which may take a
hopeful view, if - as now seems
likely - Goudale gets ~~from~~ his sub-
scription full.

My letter to Goudale will tell
you of our movements. We
hope the S. side of these mts.
may show some advance of
spring, to-morrow - with S. exposure
more.

Better now address letters
for a while to care of Messrs
Baring Brothers & Co., London.

Lunch - like King. &
this afternoon we drive to
Sorrento & back.

Ever truly A. Gray

Write often as you can.

Apple man, m - opls
March 23, 1887.

My dear Watson,

Thanks for yours of 20 Feb. &
March 1st.

If I do not write plainly, kindly
attribute it to the chill of a cold N.E.
wind, & to our situation in this sum-
mer resort with N. exposure & no sun.
That is warm enough - at mid-day - if
you could get shelter from penetrating
wind - which wind prevails yesterday
& to-day our excursion over the Bay to
Capri, & allows us to do some
letter-writing.

Hooker thinks the seed you
sent are of Baselonia prolifera,
which would answer to "Flamboyant
tree"; I judge. But the fruits of
that are never near so large &
as 1 1/2" & 2" wide, I can't recall
any Cassia like it, & should turn rather
to the Mimosaes, but as you
mention 'Cassia' you have the
flavor? I send them, with your
name, to Oliver - who is good at
guessing.

Wholly without examination. I can't say

at all about ^{Whipple} ~~Franklin~~ } Metabens, -
Habit is of Franklin. I should hope
all one genus rather than three!

If ~~the~~ Godman or Salvin (especially
Salvin - a pleasant man, whom we
met at Cambridge, Eng. - but Godman
is the man who press) knew how
much I ~~had~~ have done for Hensley
they would promptly offer me the
Botany of the Bridgesia, I have told
Hensley I shall review or notice it
in Am. Mus. Sci. only when I re-
ceive a copy. Brown, for the present, if
you have not done so already -
either Parry's or Marten's copy, &
wait,

Change in the Secretaryship of
of Linn. Soc. has probably deranged
the sending of Linn. Soc. publications to
us. The Society has voted the Botani-
cal publications to us. - the Zoological
to Agassiz. Mus. Comp. Zoology.
Please enquire if their position
is continued. Let me know in
May, & in June I will see to it
personally!

Yes; take the year, & let Astor (& other
Congrs.) hold over a while with out ma-
naging. It will save you much
time & trouble.

I, too, have ideas about permanent
label labels for Garden. & - but
will see how one of Harkness will
work. And next summer I hope
to report. The Continental plan of
labels raised at least a foot high
on an iron standard is a new feature
of a sanicelle label.
That I am clear about.

I counted on your having been
on the track of Lewis & Clarke,
of Douglas, Spalding, & - and upon
some enlightenment there from.

Give my best regards to Mr. & Mrs. Jung.
And I do hope Mr. & Lesquard will
get the Mosses done.

To return or not to return - in the
autumn is the question, which it is
hard to decide. I should say stay
if I felt I could get work done now
here, so as not to ~~postpone~~ postpone
I am forced for the time being, not if
the work we must finish, -

Naples, 28th March. '81.

My dear Watson

Your post card of 5th reached me here.
I have looked up the "Athamantia Chionensis".
It is Complanata - but no print on specimen, -
although Linnaeus describes fruit.
Bartram's journey to N. Y. took to the Seneca
Seneca Indian Council did not extend to Niagara
or the Genesee River, i.e. in the account
printed by Collins, which I have consulted.
But Bartram ^{later??} went to Niagara, & he
crossed the Genesee. See if there is any
account of this journey in the letters
published by Darlington. I must be
look for them at Kew, and make a note.

Send ^{memoranda} answers of anything you wish to
be compared. Ever A. Gray

P.S. The Hookers, Mrs. Gray & I are
having a good time. We go in a few
days, back to Rome & so northward.

Baird's Wedding Cards just re-
ceived.

angustifolia, of authors is, I think, what
Kunt has as 2. multiflora - but it
is not 2. multiflora, L.]

✓ Galinsoga halsinoides, HBK. In this
Palmer's 1888 narrow-leaved form comes
much nearer than ~~to~~ does the broad-
leaved form of his former collection.

✓ Melampodium sericeum, HBK.
The original, like Palmer's pl., has spec-
imens an inch or two long.

✓ Galeana mastata, Llave & Licasan.
I am disposed to adhere to this identifica-
tion. But the plant is Urtica pra-
tensis, HBK. Colanthes pinnatifida
Less. Use what relates to the
identification & the other name, but
erase the gen. char. which is not
now needed.

Helenium Mexicanum, HBK. is evidently
not of DC. - as he himself found. Preserve
carefully these few flowers, which, I think,
show a larger pappus than DC. says.

✓ Bidens triphymia, HBK. seems to be
a form of B. heterophylla, DC.

[Held St Roman Paris, May] [1881]

My dear Watson,

We came over some farther
on the 5th Thursday, and I have
had two good sessions over the
Mexican Samolidea of HBK -
named here by Kunt. I have made
a record in a book ~~here~~ by itself;
from which I mean to extract &
shape a few names, which you
will use in preparing for printer
the notes to - which - as I write you,
have been sent to you from London,
by book-post, at Nesley's suggestion.
There are many names, which may
be more or less useful; which there is
no present call to use.

But use them, in notes or otherwise

✓ Baccharis squarrosa, HBK. is
an Umbelliferous species of the Arkenadane
section, with very intricate involucre,
doubtless the same as B. leucocarpa,
although I have not seen it in the

✓ ^{1882 character} Eupatorium Paracense, HBK. Gr.
grandidentatum, DC, Presl, must be a
sp. of this.

✓ Cacalia tussilaginis HBK. I have
notes on this. If I remember, I took up this
name for one of Palmer's, but my memory is
not good enough to say if it is the real one
which has two large leaves on stem. &
But use that name with a ?

1 C. radulifolia, Wt. I am uncertain if I took up this name for one of Palmers, 1886, all. But I think it is one with well cut leaves, naked stem - peduncled in flower - of few-flowered (3 line long) heads; a pretty large and clapping lacinate leaf a good way down (number n. 684) -

1 Verbesina rutilis Wt. In this belongs my Verbesina myrsinacea, Proc. Am. Acad. - of Coulter's all. 15.37 H + 13

1 Lycnida Mexicana, Wt. The figure in Pl. Agave, is as asserted for size. L. atriplicifolia, Gray, p. W. 11.111 is same species. The other Mexican species, L. Tulocarpus, Gray, has much smaller heads. (Both are in all. Palmer.)

1 Tragacanth tinctoria, Wt. Obvi- only 1. Scheideana is only a form of this. The ~~splitting~~ bifurcation of the lipule is variable and seems to increase in age. 5.4.11.4.249, 5.345

1 Zinnia angustifolia, Wt. is 2. linearis, Benth, P. Hooker; it has very narrow linear leaves. [The broader leaved Z.

Please address me now at
Kew (Hortorium), Mr. I
am not quite sure of our
movements - except that
we will go at end of the
week to Paris.

Will you send your photo-
graph - carte-de-visite size
if you have it, to A. de Cam-
ille - to add to a very
large collection of those of botan-
ists, ^{Palmer, &c.}

Mrs. Gray desires kindest
remembrances to you & to Mrs.
Brisell. Ever Truly

Asa Gray

Herb. Brisson, Geneva
May 16, 1881.

Dear Watson

Many thanks for your
kindness in sending me
it over the sad news
of our dear friend and
colleague, - to whom we
have written. It fills
us with sorrow.

A word of business.

You are having a coll. of
Palmer's to send to our
friend M. Brisson here,
Please add to it a copy of
Botany of California, vol. 2, -
if you have not already done
so. - Can you get for
him the Botany of Mex. & Central Am.

Do so if you can.

You know you have
only to notify M. Boissier
of any sums due, & he
will respond by a draft
on N. Y.

Moreover, Boissier - the
best of customers - & of men -
has the following collections
& no list of names.

S' Bolander, Calif. Coll. 1867
There is a printed list of these,
Get a copy, or have copied,

Parry, Central & S. Utah, 1871,
1874.

S Parry & Lemmon S. Calif. 1876
Lemmon, Calif. 1874

Will you get some one
who wants the key to
copy out your list of
determinations of the
above, & send to Boissier,
Add the expense to the
account.

Boissier is off next week
to the Balearic Isld., for
a month or two.

Please put the little en-
closure into herb. It contains
some calyxes &c. of the
original of Hedeoma piperita,
which I once thought must
be my H. thyrsoides. It is
near, but has safe charac-
ters in the calyx, Pet in
herb. there is no centrif.

Please supply it at the expense of
the Institution, in your box, if still in
time, by mail otherwise.

Just now I am hesitating, whether
to run across the continent to Berlin
& Rostock, or to get back straight to
Kew. For I think he should
come home in October, on my
accounts. Could you leave whether
this week, or the whole, suit dear
Goodale's wishes, or not? For I
suppose he should come about a
year hence, & in that case I ought
to be with him some months before
that.

Your wife of course addresses
to Kew.

Your last letter I
received, & with much admiration, at
Geneva.

I think I asked you
to send your photo - small size -
& Palmer's, to DeCandolle - who has a
fine coll. of botanists, engaged in countries,
Przybyl & a line now & there, to

Yours sincerely
Asa Gray

Hôtel St. Germain, Paris.

May 21, 1881

My dear Watson

I am not great in letter
writing when wandering round the
world. Mrs. Gray sends a regular
journal to her sister, Prof. Jackson's
mother, and he can always tell
of our movements.

Coming out of Italy (a week
after the Stukas left us, at Venice)
by way of Milan & the Lakes, and
over the snowy Simplon, & in a
rather used-up state, we had a
week of delightful weather, delight-
ful iteration, and delightful
friends at Geneva, where, too, I
did some historical work, taking
up some dropped stock stitches, &
and then we came on in one
day to Paris. I have now to
regret that, having a day at
Padua, I was so much out of histori-
cal training that I did not devote a

Herb. Kew. June 17, 1887

Dear Watson

In order to get on at all, I must write you piece-meal. You have no idea what a whirl one is thrown into here. And we are not yet rightly settled in our lodgings.

For one thing.

Linnean Society has not much means for buying, & it is generous in sending to our herb. all its Bot. Publ.

It wants Bot. Calif. I have promised it. Please secure a copy to be sent it, say by Smith's Post. - I think it may well be charged to our Herb^m. But if you think not I must pay you for it myself, - at lowest price.

I find here Flora of Brit. India
part VIII, incl. the Composite, etc -
I send it to you by post.

Enquiring at Lin. Society
I find one part of Trans &
several of Journal which have
been kept, some a long while,
they propose to send them via
Smithsonian. I think I shall
take them when next up & send
to you ~~by post~~ by post. But
they contain little you will care for.

now in the paper, & does
place - Lawes & Gilbert to
see their mineral - manure
experiments on grass - plots &c.

P.S. 19th I will write a
letter to Goodale; from
whom I have just had
a letter.

Love from you to Ken, with Palmer's
things &c. just come.

A. Grass, viz.

Achlaena Griseb. no. 3487, Wright.

Cut. is not in lat. Kew. - nor can
Benth. identify. Please send a bit, even a
sketch to Benth. or me for
him.

Schuber's Gramineae (Miscelanea des Grases)

Let me know. no. of last plate & last page
of our copy. Most copies are incomplete, the
last part having been published 30 years after the
rest. cf. Pritzl. If our copy is incom-
plete - wanting last part - let me know at
once & I can secure a spare copy here,

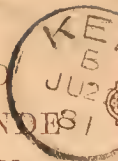
(for 36/.)

I sent by mail a
part of L.C. Pl. yesterday.

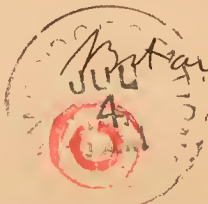
Yours sincerely A Gray

UNION POSTALE UNIVERSELLE
GREAT BRITAIN & IRELAND
GRANDE BRETAGNE ET IRLANDE

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



Sam. Watson, Esq
Italian
Botanic Garden
Cambridge
Mass
U. S. America



over here. But I have not
had time to see them. I shall
ask for the Compositae soon -

I am revising *Solidago* (having
got thro' with E. L. Greene's *Parasols*),
and I have Willdenow's all
kindly lent me - thanks to
Eichler - have looked over
the *Linnaean*, and shall now
critically examine the *Brit.*
hist. *Kew.* species of the ~~Brassicaceae~~
Brassicaceae *Herbarium*. I
will also look at Smith, *herb.*
herb. that is not of much conse-
quence. The wild sp.
of *Solidago* are very consultable
to me, on the whole, but a few
old species of cultivation are
still puzzling, and will proba-
bly continue to be so.

Midland House, Kew. June 24/77

My dear Watson

Many thanks for your kind
long letter, which we were glad to
receive, and should always be grate-
ful for mine whenever you have the
time and will to write.

Our hands are very full in this
busy season & place. - trying to
combine ~~the~~ botanical work with
some society for Mrs. Gray & self.
And the days are now so very
long that there is almost no
evening left for writing.

Something came up to day to
interest you. Benthams, having
worked through the mass of
Erasmia is now picking up
the outlying names or little
known genera. Your good
genus *Erasmia* he just
found out is in danger thro.
Erasmia, House, in *Pl.*
Zuberkianae - a genus.

which neither he nor Miguel
have seen; but Benth. thinks
it must fall into Nyssia
(if I correctly caught the
name), yet there is something
difficult in the character. We
shall soon see.

Bentham is aging, but holds
out wonderfully, and it is
astounding how he works.

I see a good deal of him -
His room is on the floor above
my table in the lower gallery,
but every day he comes to
me with something or other,
to show or to ask something -
to discuss some point of
nomenclature which has come up,
or the like.

Forster's Mexican Grasses
are not even there yet. It
has printed, but not published
considerable on them. And
when I went to Paris, I helped
to induce It. to let Bentham

have a copy of the sheets, in
which It has proposed various
genera. B. ought to have
specimens too, but has not
got them.

I am promised the continu-
tion of the distribution of those
Mexican collections at Paris.
But the Grasses are still in
Forster's hands, when they
come back, Hervey, the
curator will distribute them,
and will probably not forget
us. Prof. Boreau, the Director
of the Herbarium is the man to
remind of this.

We must send as many
specimens as we can to the
Paris herbarium. They have not
funds for buying much.

The distribution of Palmer's
collections must have taken a
deal of your time. They
have been unpacked and looked

25. June - Ken.

I have received the \$4 to
pay Curtiss for his set
of plants received in last box,
& have receipted the bill (which
some one has to do), therefore
please pay Curtiss the price
in dollars, and collect it of Prof.
Goodale (If Goodale has no
balance in my favor, he has
only to ask E. W. Loring.)
Oliver wishes Curtiss to know
that his sets are in all respects
the most striking of any
that occur. He has earned
a good name - whether, or no,
it be equal to "great riches"

As to your list of official plants
wanting to the pub. I will see what I
can do. But your list is curious
You want Linum usitatissimum.

If you rain now in Bot. Garden get it
dry from the nearest flax-field -

Ficus Carica. The fig tree in the
Garden would supply a specimen, or
some of the gentlemen who raise
figs.

Allium sativum. I'll try &
send you a leek to grow!

Convolvulus Scamonea. The plant
was in the garden i.e. from Japan.
Perhaps I can find a native species
near Mt. M. of *Crucis sativus*.

Scilla maritima I know was in
the herb. Same of the Globe
"Eugenia caryophyllata", however, may
be something else.

"*Floe Watsonia*" The tree
Floe of Watson has only just
been obtained, specimens & living,
by young Balfour, and is figuring
for Bot. Mag. Hooker promises a
living plant, and I must get
Hooker to dry a flowering specimen.

"Will see about Watson's
lists" You mean - or I
mean, Corson's. He is to pay,
if you have to get copies.

I am so glad the herb.
is in so good condition about worms
& things. For dust and dampness (for
which I have the thought of a remedy)
we will put our heads together when
I come home.

As to this fall or no, I leave
it to Godale, whose yes or no.
I expect in 2 weeks or so.

I close in haste - &
send W this 28th June
ever yours

W. H. P.

July 6, 1881 Kar

Dear Wm.

I think we have only one volume
of suppl. of Royal Society Index. Please
let me know & I will buy the completion
& get the discount.

Has the Bot. of Biologia Centrali-Americana
ever been sent? I suppose not.

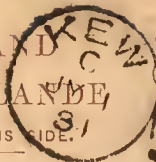
Curtiss (& Chapman's, is it not?

"Paspalum vaginatum" (not Swartz, which =
Fistichum) is Meibomia oligostachya.

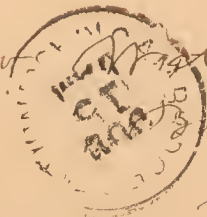
Munro. - as Benth. shows me. (= Wight, Celsa).
Tell A. H. C. Ever Yrs. A. Gray

UNION POSTALE UNIVERSELLE
GREAT BRITAIN & IRELAND
GRANDE BRETAGNE ET IRLANDE

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



Seven



*Stanic Garden
Cambridge*

Mass

U.S. America

But I am kept in such
a hurry. So it is.

100 Thanks for all your
interesting details & news.

Ever Yrs

A Gray,

New. July 26, 1881.

Dear Watson,

Yours of 12th is here.

I have 5 part of Brit. Mus. Trans.
to send you. I suppose you
have 1-4. I will post this.

I have kept here Vol. 3 of
Ob. Monogr. Phaeog. (I sent
a review to Amer. Mus. Sci.) -
Sorry Ob. did not send it straight
to your binder. Do you
care for it before autumn?
I am in doubt about sending it
by post, it is so heavy.

To come to your enquiry.
What I write from Geneva
about Boissier must be, &
is all gospel. But he
should have the copy. I shall
notify him accordingly.

But I also sent you
a note from Cornu to
the same effect, as to the
lists. I am sure, and I think

as to Bot. Mex. Bound, also -

You will know. Anyway, Brissier is first to serve, & you have only one copy.

I find Bot. Calif. is received at Linn. Socy. But they want vol. 1, also.

Duges, of Guayaquato I asked to send specimens at request or suggestion of Brissier. I hope what he sent - did not cost, as it is not worth - any thing.

Don't send them on here, Shaffner's (which are good) are more than I can

manage. Time passes, Enter now, I have to-day urgent message to Boston, to leave Oct. 25. -

Must Palmer's Mex. coll. they say that the price mentioned in Palmer's letter to

Sturtevant was \$8. for cor -

For the Mexican part (the Texan is ~~from~~ from old stuff collected in the dry season) \$10. is not too high, and would be willingly paid - for species. But you will be surprised when they send from the part. - as I advise a partial list of the duplications & reduplications, & re-reduplications of the very same thing, & from adjacent localities.

But there is every disposition to be liberal -

As I tell them, there are some precious good things

But at the best, so full is the part. here - so needlessly bulky, that it ought to stop buying general collections, & pay any price for just what it needs.

I do not feel quite clear about
the Dasypus vaginatus of Chapman.
You know that Curtiss's Distrib.
is a Reimaria. Mr Chapman
has his D. vaginatus in a diff-
section from D. distichus. Is Reimaria
of his the Reimaria? Why has he
the two?

DeCandolle writes that he
has sent the cash of his father's
last address to me at Cambridge,
prepaying charges to sea-port,
& had announced it to you. It
is for the Stark, & is presented to
it by D.C.

I shall be writing very often
now. — Ever Yours

Abraham

L Kew. July 21, 1847

My dear Watson

Only to-day did I post
a hastily-written letter to
you; and before my letter
can have left Kew came
your two, of 14th & 15th inst.
How bad it is to answer letters
quickly!

1. As to letter from Dall, let
it slide, I don't believe any-
thing will be, or need be, printed
of the Alaska lists. But if
they are very new, is in
or was in, one of the lower of
the pigeon-holes in the cases just
behind where I used to sit.
As to putting together other things
— say Nuttall — turn it over
to Nuttall & let him bother
over it — to much effect, but it
will all rest till I get home.

Tues of July 15.

Nidolgia bento-mexicana, Hall.
I shall buy & bring it; but I
shall not review it, unless it is
presented. If the Gordon &
Salvin knew what I had done
to help Stensley, they would
doubtless present it. But I
shall not tell them - not,
probably, will Stensley.

My Soc. Cat. I will
put off after vol. VII, & send
via Smithsonian.

Adina, So it was your
writing to Masters, which brought
out that perfunctory giving in
by Harker. "Poor Material",
Last winter, before Curtis's 'Species'
were in, I showed Harker that
the Harker had full evidence of
Adina magnum being diacina.

Harker's ~~easy~~ easy indif-
ference tries Harker sometimes,
greatly; a sort of 'don't care',
'no matter' way.

Comm. I have written to-
day directing him to send to
you a postal order for
\$8, for Brit. Calif. vol. 2,
and to include in it the

amount he owes Greene, if
he has counted Greene's plants.
I just to write to Greene &
settle the matter by direct
correspondence. I give him
Greene's address, - which is
*Berkeley, California.

My little straighten up of
one section of Chloratis, to
help Harker in Brit. Mag., is
too long for his use at once -
& I will send it to Genl. Chmide.

I believe this is all at
present

& not "Oakland"

If you had had access to the work
you would have found the flava
to proliferate, or kept it up, perhaps.
Not only is the size much less
than M. grandiflora, but the
descr. & figure make prominent
the granulate-tuberculate in side
of the perianth-leaves, and the
acuminate (subulate) tips to the
anthers. It makes the latter
more prominent than in Purpurea,
while he represents it blunt. The
anther as blunt & pointed in M.
grandiflora.

I have put a list of
to look up the Curtiss plants
of the list you sent (which are not
yet in their places in the herb.) Some
of them I think have ~~corrected~~
already corrected (by Curtiss) labels.

The Styptis is on my table at the
herb., - and I will see what I
can make of it - Perhaps in time
to add a slip to this letter.

When this reaches you, Mrs.
Goodale will be nearly over
the ocean, I suppose.

Mrs. Gray send kind regards &
I am always Yours A. Gray

Ridgeland House. Ken. 25th Aug. 41.
My dear Watson

I have had yours of the
4th for several days, but have
not been quite ready to answer
it, and to send a few requests.

As to the latter. we have
made here some arrangements about
Corpses, &c. - and have two in use.
Now the floor of the Library i.e.
the room next my study, is in a
bad way, having settled in the
middle & with an upward ridge
where it is supported by a wall in the
cellar.

I should like to have
it leveled, but I suspect if it is
touched it will be found that the
sills have badly rotted (it rotted
long ago, before I came into the
house, & I had supports put under
in some places). Yet I suppose
they could be corroborated without
taking the room to pieces. If
much has to be done, we had
better have a new floor laid.
I should wish to have it of pine

had wood, say ash & maple
or ash & hard pine in alternate
narrow (3 or 4 inch) boards, I would
pay the difference. The Carpet,
as now is, not to come to the
sides of the room, but leave a
bare border, so the floor should be good.

I think the floors of the Parlor
& the Dining room are in fair
condition. But perhaps they
should be seen to.

And will you order for me,
of Richardson, or whoever supplies
Culley Coal -

10 tons of Thermace coal

10 " Kitchen-range coal,
such as we have always had,
and have put in the cellar.

I expect to be back in time to pay
for it.

* I think we have not Villars, Dauphin
in 4 vls (or strictly 3) yet. Unless we
have it very recently. Let me know, if
we have it, for I will try to secure
one of the duplicate copies here.

Inward Botany. I had a long
and nice letter from Engelman from
Colorado and I have replied.

As to the Campsonella, he is right
about its capsule opening near top
(tho. I have here no ripe fruit) &
so that it is not to go with C.
Scheuchzeri, with any of the several
plants so called. I have here
seen the original figure of Villars*.

I have asked Engelman to let
the Colorado plant be quiet
till I get home to see the
Sitka plant. which is my
var. heterodoxa (cf. Bongard's C.
heterodoxa, but not Vest that
of De Vost). For I think that
it is the same dehiscence,
but the only fruit here is in too
poor a condition to tell.

To-day I took up Smith's
Exd. Fl. and noted his Moulinia.
It fully confirms my old &
fixed impression about M. flava.

The bundles use of Sulphide
of Carbon has riden his
Habit^{completely} of insects,
Dations which we so treated
12 years ago - remain per-
fectly free.

About dampness. I have
wound it so to prevent small
steam pipe run along the
bottom of cases (from underneath),
to let on occasionally in winter
& spring, and to raise a
little steam for the summer
now & then in dog-days, -
when the principal damage
occurs. (I turn it on
in your mind).

Should we not have tight cases,
or boxes to hold all accumulations
up at in the upper rows? A.S.

Smith & Washington - Aug. 26/V1

CROMWELL ROAD,

SOUTH KENSINGTON,

My Dear Mr. Watson S.W.

In the East chamber
of the Herbarium, on the
shelves, are copies in sheets,
of my Botany of 'Milkes'
Exploring Expedition, text in
4th plates in folio. Kindly
put up a copy, address to
'The British Museum, Botani-
cal Department, Care of
Dr. Carruthers,' and send
to The Smithsonian Institution
for transmission here.

That is, unless you should be sending otherwise a pack or direct, which I suppose is not so likely.

I am glad to hear somewhat to offer the Herbarium here. Dr. Bennett is anxious to supply us with certain duplicates of interest to us, but is allowed to do so only in view of an equivalent in exchange.

And in this regard, let me ask you to open a pigeon-hole for Brit. Mus., and to put into it desirable duplicates whenever they turn up.

26. Aug. 1881. Kew

My dear Watson

Appropos to *Styptis*. I see that I have noted in my copy here of Syn. Zol. that my *H. afflicta* from Barber is *St. pectinata*.

I must have had a poor specimen to give it the 1st name. I have now compared Britiss. 1881.* with about 100 specimens of *pectinata* in Hb. Kew, from all warm countries. It leaves no doubt that it is *St. pectinata* Port.

I am glad to have the advantage of your eye, which is quick & sharp, & to give you mine in things you are working at. But, about the *Gamopetala*, I should like to have the pleasure of publishing such corrections (and novelties, when they occur myself), and I am confident you would wish I should. *Succisa curvipes*, and there is ample room for us both. Yours ever A. Gray

My dear,

I am glad to hear
of your success

Thank you very much

81.
Habitat in New. 16th Sept

My dear Watson.

Grubbe reached here day before yesterday, & we parted in London yesterday afternoon.

I am coming to you early in Nov. and we must arrange to run the concern, and arrange about scientific work, which we must try to do. I want help you much about Jordan - meaning so as to prevent that from bothering you.

I will write De Caudelle.

I have not seen the last sent here - being at Museum, But Hooker tells me that the head was so heavy and the plaster of the chest so weak that the latter crushed in - perhaps as bad as ours. I will look at theirs.

List of Harvard Publications received - all right enough -

I enclose Davis's letter, &

mine in reply (which please post
to him) about his lettering Gray.

It will be least trouble if he
makes a guess for it, We
shall see hereafter if any
thing comes in to invalidate
accepted guess & cause changes -
I hope not.

We (Mrs Gray) & I go off
to-morrow for a round of country
visits - to Lord Blackford in
Devonshire, Justice Triggs in
Somersetshire, & Mr. Storr at
Moles Park in same county.
That finishes, or nearly

Grodale writes you have
not been very well, Take
Care, You are too sedentary,
must be more in the open air.

Ever Yrs

A Gray

Kew Oct. 18. \$1

Dear Watson Stensley - sharper than I - has
found the true Omphalodes print. from the lower
flaves of the Palmer plant which has from the
upper ones flat-winded print. - completing the
evidence that these are true Omphalodes,
and he prints them as such. A.B.

Here - at the last - I give you the
materials to solve the question about
Obione Gordon, potius Gordon. And you
see a precious mix-up. Ever. A.B.

Oct. 21. Break up here, for
Liverpool via Apsd & Manchester, where
we make short visits. Sail in Samois, the
~~2nd~~ 26th. May not write again. A. Gray

Sumner's date 25. April, 1887

Dear W. At New I have been verifying
determinations of Palmer's plants, & shall for a
while. I cannot use the tickets as I for on (as I
should like) because the habits are not given in your
transcript of my notes, and all the tickets have the
habit printed on them. Please have Subsdort
to copy the nos. & add habit, say by an
initial say or other remark, for shortness.

i.e. - 1. a
2. ' or same nos.
3. b.

Oliver has taken man. for the file of Palmer.
We are
I say he will attend to it at once. We are
well & busy enough. He is about 10 days before he
cross to Paris. Shall be glad to hear from you. --
Sincerely
A. Gray

UNION POSTALE UNIVERSELLE
POST CARD—GREAT BRITAIN & IRELAND
(GRANDE BRETAGNE ET IRLANDE)

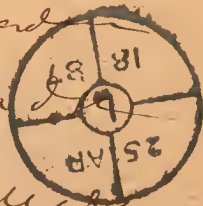
THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



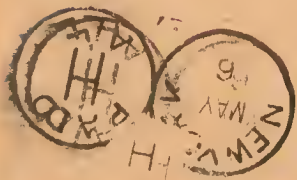
Dr. James Watson

Nottingham Road

Cambridge



*Mass.
U. S. America.*



London, May 10, 1887

Dear Wm.
I have from "Board & Works" an
order on Treasury for £12, 8, 0 - "
which I must collect "the next a Bank
Present this to Alice A. May - who will
thereupon please to pay to you - for Dr.
Palmer \$62. - 62 cents, = \$1, 38
and charge same to account of A. May,
D. S. We cross to Paris in 4 days. I hope
in one day more to finish the revision of the
Palmer Grammar. I have had some changes to
make, which you will note. The copy you made
for me, with corrections, & separate notes, I hope to
send back to you this week, either by mail, if not
too costly, or by Wesley, with directions for promptness.
A.B.

UNION POSTALE UNIVERSELLE
POST CARD—GREAT BRITAIN & IRELAND

(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE.



Dr. Serrano Watson
Herbarium
Botanic Garden
Cambridge
Mass.
U. S. America

Paris 10th May

My dear Watson, This evening we
went off pretty direct for Vienna - the
Hobbes having failed to join us for some
on account of sickness of Mrs. Hobbes.
Enclosed is a list of what the Library of
the Laboratoire Botanique has of my contribu-
tions and of yours.

Will you supply the lacunae from
my stocks in the case, & from your
own, by mail, charging postage to Hobbes.
Try to get the 2^d vol. of Bot. Calif. (cheap to
Hobbes) to send via Smithsonian return
All to be addressed to the
Laboratoire de Botanique, Muséum
d'Hist. Naturelle, Jardin des Plantes, Paris.

I am told by Franchet, who is at
work there on some very full & rich
collections from Yunnan, in the interior of
China (better specimens than the English, &
full of very curious things) that he was in-
structed - before I came - to lay out a full
set of the Duplicates for our Herbarium.
That is nice. And so we will do all we
can to supply their deficiencies.

Pleasant Spring is coming, at length.
Mrs. May & I both are well.
Yours cordially J. Gray.

MUSEUM
D'HISTOIRE NATURELLE
— — —
BOTANIQUE

CLASSIFICATIONS
ET
FAMILLES NATURELLES
— — —

Voici, cher Monsieur,
tout ce que nous avons de
M^r Watson et de vous.

Vous nous remerciez très-va-
-lablement de nos obligations
que vous m'avez bien avoir de
vous procurer ce que vous
m'avez.

Adieu - moi, cher Monsieur,
votre très dévoué

J. Bureau

Mr. Watson

Brussels, May 30, 1887

My Dear Watson.

First, please thank Dr's
Girdle and Farrow, each for a
welcome letter, and say to the
former that I do not unders-
stand his beginning "since
my last," - this of May 9th is
the only one received from him.

I shall write one of these
days. A pleasant visit to
Vienna & to Geneva, where
we rendezvous with Mrs.
Grays niece, Dec. ago &
but most pleasant, bearing his
surroundings.

I ran over all the Mac. &
some of Odyss. & Gairdner's.
No notes that we want to use in
Palmer, all, to speak of.

344. My May Mexican, looks so
much like M. communis in flower
- that it is probably Palmer's.

382. Claytonia petiolaris = C. alsinoides
var. rosea, Benth. has thick 4 ribs & is
C. dichroa.

117. Iriopeltis polyandra - I presume not
published, from size of flower might
be yours with delicate fruit, but ripe
fruit not represented.

467. Randia edimocarpa is an original
drawing (which there are nearly 200)
= Palmer's pl.

525- *Cacalia*. is one of the
new ones I sent dear Mr. Keen
one with large heads & thick leaves,
But there is no good in mentioning it - and memory may deceive.

There are several notes that
may be of some use hereafter.

In Mark, D.C. I find
one thing for you to use
or correction in Palmer's all.

For "*Brickellia* difanthes,
var. ?" - a coarser species than
difanthes & polycephalous & broader-
leaved, substitute *B. reticulata* =
ta. Gray. (Re. Wright?) as it is the
Brickellia reticulata, D.C. *Brickellia*.

268. I hope I am in time
for that. Mr.

Eupatorium theophrasti
D.C. *Brickellia* is the proper

name of the *E. (Hedeolum)*,
which bothered me, & which I could
not make out at Keen & sent
some notes about - Perhaps gave it
a name of my own. - Large erect
or conduplicate leaves & a full cyme &
marked large heads, glabrous - pre-
sented bracts, &c. &c. -

microcephalum
My *Eupatorium microcephalum*
is *Brickellia reticulata* D.C. (Sp. Thake)
I think it is to be kept in *Eupato-*
rium, rather than *Ophryosporum*.
I will look at authors when I
get home. D.C. gave me
a few good heads, - I send
herewith.

At Vienna I made
notes on such of Hooker's plants
as I needed, which are there -
they have only a few, & it
is hardly published by Hooker - Mr.
Compton &c. &c.

You will probably soon
hear from us from Paris -
We are both well & hearty
Yours sincerely

A. Gray

Any how they have
not come to hand.

I shall soon be
writing you ^{from} England
no doubt -

I am going now
to a meeting of the
Academie des Sciences.

Yours sincerely

Bahay

Paris, June 11 1887

My dear Watson

We have now had
a week here, and on
Tuesday next we pro-
pose to return to England.

We are both very well
and happy - except that
my niece wrote that
your sister was suffer-
ing a good deal, which
we are sorry to hear. Please
kindly remember her.

When I went to Lardin
des Plantes last Monday, I
was told that Bureau had a
letter from you announcing
an envoi of Archives, but
that they had not come, but
yesterday they had not come.

Yours anxiously, Bureau

was to show me your
letter, but has not yet
done so. Before this is off
I hope to learn if you
sent by post registered,
or now. Not if directed
to "Galerie de Botanique".

With this I send all
the nos. 1. Bule, Sue,
Linnæus de Paris that
I could get from Maillet,
who did his best for us.
Scys all have been sent
to us as published.

I send also a new part
of Maillet's Historie de Plantes,
which he insisted on giving me
it will be a duplicate.

I forget if I asked you
before leaving Rome, to

have an erratum put
in the vol. of Proc. Am.
Acad. - making Cancel
of the matter about
"Proda acrofolia" on
the right - third page.
If not done, it is now,
no doubt too late.

Monday afternoon 13.
I have been over for
the last time to the
Jardin des Plantes -
Bureau not there
(Seldenus) & I learn
nothing of the nature of
your letter, announcing
the sending of Contributions.

I shall not be sorry to be
now and then and to settle
down to work again. I have
been playing immensely

Yours very sincerely

Anthony

The Deanery of St. Pauls
London, June 2nd

Dear Mr. Watson

I must set off a letter
in reply to yours of the 4th -
- for which I thank you,
- Please mail enclosed to
Release. It contains
pages of the Oxley &
Dill. Hist. Etc. Most he
wants to know whether
triumphic or not. I
had barely time, during
our busy days at Oxford
to look it up in the She-
rdian Librarian.

I send by mail a page
of Times with a brief notice
of the Oxford Commemoration.

and the Cambridge Publ.
Orator's speeches. Keep
the letter. I have
been having - as you may
imagine - a high time,
and have too an enormous
crowd of little girls.

I have not been able
to get down to know yet.

I hear that only one
copy of my Elements
came. I expected 1 for know
+ 3 for sep. in sheets.

"Palmer at Grayson's"
Good. Let him know that
Sympetralia must be collected
there.

Goodbye note of dear old
Brett.

Saturday, vol. XIII - I
did not submit what you
paid me for it to Wesley,
thinking he owed me as
much or more. Wesley is
very near where I am now
visiting. To-morrow morning I
will see him and settle.

I have, at last, moment
wants to reprint my Memo-
rial of Englishmen - which
made delay, but I hope
is done in this.

We are so glad your sister
is getting well. Sad to
hear about Baird's sickness.
Please find out how she is, and
let me know.

London, 19th July, 1887

Dear W

I have not yet heard
from you whether you actu-
ally sent any sheet-copies
of the new Elements of Botany
to Kew for me. It is said
that only one copy - the one
addressed to Hatcherian, & not
(not to me) came to hand.
Perhaps you understood that
only that was wanted.

I will now order from the
publishers some bound copies, to
use here.

Similarly I have never heard
from you any more about the
Contributions to the
Laboratory Botany, I said in
plants. I am afraid that, being
lucky, you have a Smith's
Institution, 100, is it?

I suppose you hear of us now!
Alice, & we are well, & very
active - but not laborious.
Yours m. A. Gray.

UNION POSTALE UNIVERSELLE

POST CARD—GREAT BRITAIN & IRELAND

(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE

87



Dr. J. J. Watson
Botanic Garden

Cambridge,
Mass.

U. S. America:

No. 2, Ludm. 19th May 1885

Alm I send you no. 242, Pwne, Ky
Inc. - costs min. with postage 2/5

Pay value of this to Miss Alice ¹⁰ Gray
on acct of Hat & ~~Co.~~ ~~Co.~~

I do not buy no. 249 ~~of~~ ^{from} ~~the~~ ^{the} ~~same~~ ^{same}, on
seeing it, I recognize ~~that~~ ^{that} I lent it to
Dr. Grisdale (article on Dromedary tentacles).

If not found me is to replace it, I will, if he
says we buy it in this account,

Why not get a stamp to stamp all
our ~~own~~ ^{own} ~~business~~ ^{business} on arrival! N.B.

UNION POSTALE UNIVERSELLE
POST CARD—GREAT BRITAIN & IRELAND ²
(GRANDE BRETAGNE ET IRLANDE)

THE ADDRESS ONLY TO BE WRITTEN ON THIS SIDE



Dr. Samuel Watson
Botanic Garden
Cambridge
Mass.
U.S. America

1. H. 2.

Yes, we have heard
that my sister's eyes are
failing fast. & that we
have not heard of.

Trilassie's boy was an-
nounced.

Our regards to your sister
and congratulations on return-
ing health.

Our time from that.

Good Bye Yours

Arthur

THE CAMP,

SUNNINGDALE.

July 27, 1887

My dear Watson

Yours of the 11th reached
me two days since, and I
must send you a hasty line.
We have been here a few
days, and tomorrow we go to
bring up at Edinburgh.
I am even going to be on the road
at graduation day Monday.

I have sent some postals
& parcels lately. I have
had a long day at Kew-
& unpacked Delphinium. &
some hours at Brit. Mus.,
I. Kensington - where I saw
Mrs. Walter's Book - which
is less authentic & less
important than I thought.
The names put on are
mostly second-hand, & by James?

The "two copies" of Elements of
Botany addressed to me -
at Kew Herbarium have
not reached there. Dyer
is away. I cannot think
they went to his office.
But when I get ~~them~~
to Kew next, I will
enquire. Meanwhile I
have asked the Publishers
to send a half-dozen
copies to Trebner's for
me.

I have not found at
Kew any "copies of your
Contrib. XIV". Oliver
is now on vacation, they
may be in his drawer -
I shall hope to see them
in Aug. or Sept.

Thanks for having sent
to the Exhibition Volume
due to be delivered -

Proc. Am. Acad.

Well, they are
stopped at Herbarium
Gard. Pl. I thought
it might be that the
bulk of the publications
you had to send required
the sending them to
Smithsonian Institution.

Very well. You
might write again to
Bureau, explicitly
asking to say what he
has received, & what is
wanted for the little
Library of the Galerie
Botanique. I think
they have not yet,
Kew - know it, indeed.

I have written to Weibull
as to left over copies of Johanna.

Can we smash up in
your letter - that the only good
can be that "the seed may
grow". I will try to take to
Kew on return.

- I have not seen more Pittomiva,
but there is some character in
work of his in Torr. Bull. I think it
is.

I enclose a slip from Edinb.
newspaper. Let Girdle see it,
if he is about. I then went
to my Niece, Miss Alice - to
keep for Mrs. Gray.

I enclose a line to Girdle.

Yours always

I just learn that A. Gray
return is in Edinburgh.

London, Aug. 3, 1887

Dear Watson, your letter 2
July 11, (with enclosure of Muller's
letter, etc.) reached me here, on my
return at evening from Edinburgh:
where yesterday I took, let us hope
my last L.D. And Reekie
favored us with lovely weather - an
unusual thing in our experience
and showed off the best it could. It
is magnificent for site and building
to match, & was most interesting.

We have only one day more
& that drawing to a close: by
tomorrow morning we are off
like a shot - to join the Horkes
in Normandy - to be back about
22nd, with.

Thanks for all your prints.

We are here - a little west of
the Brit. Museum, S. Kensington.

I dropped in to see if Erythro-
num revolution, Smith, was to be
found in Merriss on Antbrum

which Carruthers recently acquired,
as you know. C. himself is

W. Britton thought that it
would have been ere this
laid in to Hutch. if Merriss had

it. No specimens from him in
the Hutch. But I bid Britton,
look through any of Merriss'
plants not yet laid in, against
my return here.

I went also to-day to the

Linna. Society, where Smith's
Hutch. is present. There is the
type, no doubt. But Linna.
Soc. was cloud for clear-
ing - all August,!

I expect to be here in
Sept. say 22-25. There is
the only chance. [I judge there
is nothing anywhere at Kew, but will look.]

Please to repeat your
request to me in your next
letter. And point out to
me what I should look to,
so as to give you a correct idea
of what from it belongs to.

The Mexicanum of S. Mexico

Please include & print the letter to
Fardner - rec'd it now, if you like to
& there is a line for Lizzie Stuart,

Our Anna keeps

Yours

London, Aug. 20, 1887

My dear Watson,

As I am writing to
Fardner (who has kindly sent
me 2 letters), I will thank
you for your last kind
letter, received yesterday.

If the 2 copies of Elements
were got to Kew, they must
have gone to Dyar, who was
away on vacation, and he must
have neglected sending them on
to Harbom. I have not seen D.
for months - may see him next
week.

I must drop a line to the
negligent Bureau about your
sendings.

Do you hear any thing of
Baird's health, or sickness?

Somehow I take for granted
that Mrs. ~~Allen~~ my niece
you are kept informed of our
movements &c. as Mrs. Brown's

which you do not know or don't want, will
be boxed up or put in a bag, do not dread
vermin.

If there is any thing I ought to look
to in or near London, now is the time to
let me know - that I may attend to it
when I am about from 16 to 22 Sept.,

Kindly remember this to your father &
to Grubbe if you see him. He
has been very kind, as he always is, for
fellow. in letters, etc. to your mother
A. Gray

formed - letters got round to
her. But now Alice is away
I suppose. We are just
back from a charming trip
thru. Wimmerby, with Mr
Harker's, whom we left
there. Now, from there as a
center we are dispatching
little words to friends.
But in 8 or 9 days, must
be in Manchester to the
Ant. Soc. Meeting. -
from thence two most-coun-
try visits - then back to
London - a few days with
Oliver at Ken, and with
Harker at The Camps.
& then for home, gladly.

I suppose all the
main "debris" & then from
some loose-lying islands,



120 & 122, Cromwell Road.

South Kensington.

London, S.W. 23rd Aug 1887

My dear Watson

I received your Mesfer-
rhiza paper yesterday,
and being near the Brit.
Mus. Nat. Hist. I looked in
there, and looked up the
plant which Linnaeus
muddled up with his Elate-
rium triplidatum in the Man-
tissa.

The specimen is
as you supposed, Sicyos angula-
tus, - in flower, the female
infl. just setting fruit. What
Clayton meant by his descrip-
tion of fruit. Nobody can now
tell. It is likely somebody
may have brought him a
fruit of Echinocystis & he
thought it fruit of his Sicyos.

That
The Echinocystis is quite
likely to grow in his heart—
which extended well up to—
was the Mountains, where it
must grow—in fact I think
I may have seen it there.
and it grows in Kentucky,
etc.

We still have lovely
weather.

Though this is our
quarters—till we do, next
week to Manchester—we
are off most of the time in
Country Visits, etc—

So the Telegraph tells
is that Baird is gone.
What changes! Yours sincerely

Albany

Please put my reply to Cir-
cular in a decent envelope, &
address to Prof. Peabody, 18,

Brix Sept 6, 1887
Manchester, Mass.

My dear Watson

Yours of the 22^d Aug.
reached me in Manchester, where
we have been attending a very
large meeting. But left this
noon, in the midst, so that
we might do up our round of
visits, and be ready to take ship
on the 27th - now drawing near.

Yes, we had the sad - but not un-
expected - news of Baird's death!

The enclosed mem. on the
Erythronium revolutum, I made
when last at New York, but was keeping
till I got a look at Hb. Brit. I
suppose it is the name which E.
grandiflorum must give way to.

As to the letter of Storck,

and his Fiji collections, I
will defer decision till I get
to Kew, 10 days hence
and answer Mrs. Dyer.

A good lot of the British
Botanists at the meeting,
Mrs Sapota & Dr Barry (dom-
iciled with us at William's)
Solms Laubach & Treub
near by; all these very
enjoyable people, Solms
will fill Eichler's place.
Treub sends messages to Har-
low; there are also Cohen -
stone deaf, but by aid of a
nice wife, one gets on. -
Pringsheim, German historian.

of Botany, &c, &c -

I do not think of other
news to give you. We are
still well, but are quite
ready to make an end and
come home.

I must drop in at
Lovell Kevis and learn
what I can of Bot. Socy.

We shall no longer be
staying in London. - But
we are to be 3 days with
Oliver at Kew, 3 with Miss
Sullivan at Fulham, & 4
more at the end with the
Storkers - all near London.
Gives me much. Anstranger

Cambridge, Mass
Aug 16, 1862

My Dear Sir.

Many thanks.!

But as the specimens
of Girardinia pubescens
are so young that I
fear they may not
develop in water,
Please send me 2 or
3 spikes in flower —
just the spikes, and not
by Express but by mail
in a little paste-board
box say as long as an
ordinary letter —

I enclose the box itself.
Please send it back with
the spikes in it. & much
Ours truly Aubrey

Cambridge Mass.

Sept. 1, 1852

My Dear Sir

I much fear
that my last to
you, enclosing a
paper box in which
to send me a spike
or two of the flowers of
Grodiera prolesens,
and some postage-
stamps, failed to reach
you, - as I have heard
nothing from you.

Is it too late to send
a Grodiera prolesens in
flower, by mail?

But the main
object of my letter now
is to ask you, if you

could send me, early
this autumn - say in
a month, a fair quantity
of live roots of
Cypripedium spectabile
and of C. arietinum,
for our garden.

I should be glad to
depay all the trouble
and expense, and to
have - say a dozen
or more of bunches of
roots of the two species -
packed in moss.

Mr. Rithwick has
enlisted in a Pennsylvania
infantry regiment, and is
on the Potomac
now! Very truly Yours
Asa Gray

Cambridge, Nov 14, 1865

My dear Mr. Smith

Can you send me some
Orchids this year in
flower, to show the follow-
ing names *Platanthera Hookeri*,
should be out now, perhaps also
P. striatata, or *P. fimbriata*.

I want them to arrive to
me as early in the week as
Wednesday. - Day next week
Thursday, or Monday of week after.

Pyripidium spectabile
is out I want some.

Yours always, M. G.

T. Gray

Dear Thimble.

March 2,

I sent you one lot
of Prigun Grass to -

day, now I post -
with this another small
lot.

Do a little of what
I am doing always -
i.e., report on same -
& oblige
Ever yours.

Arcton

April 5, 1872

Dear Thurston.

Of course keep the
specimens. That is always
the rule, (You see)
numbered, & lettered them.

Here is a green grass
which I meant to examine
but no time yet. There
were 3 such specimens - in
Hall's, therefore Oregon. -
But no indications of man -
don't look American, What
can it be?

Thanks. I have now plenty
of Lavisia

Ever Yours

Station, Havana, Monte
can rich near Lang, 30.1.1868

Dear Sir

It is very easy and
pleasant to me to comply
with your request, con-
veyed to me in your letter of
December 28, which arrived
via Illinois, to day.

I have the honor to be

Respectfully

Yours Obedt. Servant

Asa Gray

Mr. F. H. Vague
London.

My Dear Mr. Wallace

I am reading with much interest and gratification your Island Life, and have gone nearly through the first part.

When treating of the general position of continents and oceans and citing some geological authorities, you ~~might have been~~ ^{glad to know} that you have heard of my countryman Prof. Dana. I think it was as early as the year 1845 - that he laid this down very simply in an address as Prof. of the Am. Mus. for Advancement of Science. I do not know if it is made prominent in his Geology.

The close of your Chapt. VII, p. 119, 120, would so completely serve for an abstract of the subject of a published lecture of mine which you once did me the honor to command that I should have been pleased if you had referred to it upon this occasion.

Always sincerely,

Asa Gray

1875

Dr. Geo. Peck
Friday Evening Cambridge
Dear Sir

I write a hurried note by Mr. Bowen
who goes to New York in the morning.

Will you send the little parcel herewith
(which Mr. Bowen kindly brings) to Mr. Putnam
at London by first box -

You spoke of a parcel that had recently
been sent me from your place. Some has come.
Has Mr. White any recd or memory how it was
sent?

A box of books was sent from Munich last
autumn early. I suppose it has stuck on the way.
But will George White see that there is nothing for
me in public store, or for American Academy
of Arts & Sciences!

Will you send me Alexander's Isaiah
the moment it is out? I am studying that
book with an interesting Bible class.

I wrote you a line about young Grant.
I have seen something of him, and think highly
of him. He would make a good clerk, and he wants
a place. Sadly, it will not do for him to study.
Can you aid him? Yours ever. Alvan

A Gray
April 7-1866

Dr Anna Gray

The Naturalist

Mr. Wiley

"will send prospectus for the
Illustrated book soon -

Have heard from Prestete - all looks
well.

A.G.

Cambridge Oct. 21.1

My Dear Sir

I send herewith, according to your desire, the bill for \$360⁺ in time to reach you by the 25th inst.

I should be much obliged if the sum could reach me here on the 3rd of November. I remain

x see receipt. Very truly Yours
with the agreement
as \$360. till 7,000. pd Asahar

Capt. Miles.



221 Gray, Asa. Distinguished American botanist and author of many books on botany, etc. A. L. S. N. Y. Dec. 20, 1836 to the Hon. Mahlon Dickerson. 1 page, 4to, with address

75c

[gift of Susan Living, 2nd June 1924]

Sunday 9th July
Dear Mabel

Here, to-day
comes a letter, evidently
from Mabel!

Miss Parker was
not at church to-
day. So likely she is
taking her holiday -
But it is very bad -
any one might as well
stay at home,

I suppose you are
doing up some knitting.
Whenever you can

to come to C.

You know you are
welcome to a seat
at our table, as long
as you like - till your
arrangements are made.

Ever Yrs, A. Henry

(Gift of John Loring, 27 June 1984)

Dear Midget

Johnny has promised to make visit here this week -
Can't say just when - probably soon.

~~The night~~ I
might like to see the
good soul. There
are meals ready
for you here & welcome
Don't know about
Miss D. - will ask -
but no matter, if
you care to come.
Ever, Al Gray